# Installation manual

## Washer-Dryer

## WD4130, WD4240

### Type WN3...

Thinking of you

Electrolux

Installation manual in original language

438 9217-51/EN
2011.04.04

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The manufacturer reserves the right to make changes to design and component specifications.

## Safety Precautions

**The machine is only intended for water-wash use.**

**Do not dry unwashed items in the machine**

**The machine is not to be used if industrial chemicals have been used for cleaning.**

**Do not allow minors to use the machine.**

**Do not hose down the machine with water.**

**The machine's door lock must under no circumstances be bypassed.**

**Items that have been soiled with substances such as cooking oil, acetone, alcohol, petrol, kerosene, spot removers, turpentine, waxes and wax removers should be washed in hot water with an extra amount of detergent before being dried in the machine.**

**Items such as foam rubber (latex foam), shower caps, waterproof textiles, rubber backed articles and clothes or pillows fitted with foam rubber pads should not be dried in the machine.**

**Fabric softeners or similar products should be used as specified by the fabric softener instructions.**

**The machine may not be used to dry floor mops that contain polypropylene.**

**The final part of a drying cycle occurs without heat (cool down cycle) to ensure that the items are left at a temperature that ensures that the items will not be damaged.**

**WARNING. Never stop the machine before the end of the drying cycle unless all items are quickly removed and spread out so that the heat is dissipiated.**

**Remove garments from the machine as soon as they are dried. This prevents them from becoming creased and reduces the risk of spontaneous ignition.**

**If the machine develops a fault, this must be reported to the person in charge as soon as possible. This is important both for your safety and that of others.**

**The machine must not be located where a door, sliding door, etc., can block the machine's door**

**The machine is not intended to be used by people (including minors) with reduced physical or mental capacity or lack of experience and knowledge. Such people must be instructed in the use of the machine by a person who has responsibility fo their safety. Minors must be supervised to ensure that they do not play with the machine.**

**Adequate ventilation has to be provided to avoid the back flow of gases into the room for appliances burning other fuels, including open fires.**

**Gas heated:**
**If you can smell gas,**

- **Do not switch on any equipment**
- **Do not use electrical switches**
- **Do not use telephones in the building**
- **Evacuate the room, building or area**
- **Contact the person responsible for the machines**

**In order to prevent damage to the electronics (and other parts) that may occur as the result of condensation, the machine should be placed in room temperature for 24 hours before being used for the first time.**

## Technical data

| | WD4130 | WD4240 |
|---|---|---|
| Innerdrum | | |
| volume litres | 130 | 240 |
| diameter mm | 650 | 795 |
| Drum speed | | |
| wash | 49 | 42 |
| extraction rpm | 980 | 890 |
| Heating | | |
| electricity, wash kW | 12.5 | 19.4 |
| electricity, drying kW | 8 | 16 |
| gas kW | 10 | 19 |
| hot water | x | x |
| G-factor | 350 | 350 |
| Weight, net kg | 382 | 555 |
| Sound pressure level dB (A) | 70 | 78 |

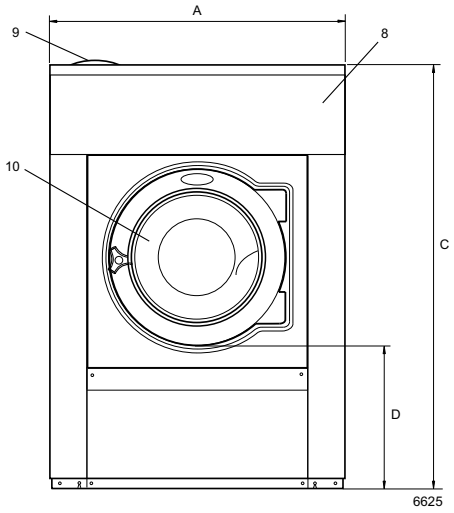
## Connections

| | WD4130 | WD4240 |
|---|---|---|
| Water valves connection BSP | DN20 3/4" | DN20 3/4" |
| Rec. water pressure kPa | 200-600 | 200-600 |
| Functioning limits for water valve kPa | 50-1000 | 50-1000 |
| Capacity at 300 kPa l/min | 20 | 60 |
| Drain valve outer Ø mm | 75 | 75 |
| Draining capacity l/min | 170 | 170 |
| Evacuation ø mm | 125 | 200 |
| Air consumption $m^3/h$ | 340 | 580 |
| Gas ISO 7/1-R | 1/2 | 1/2 |

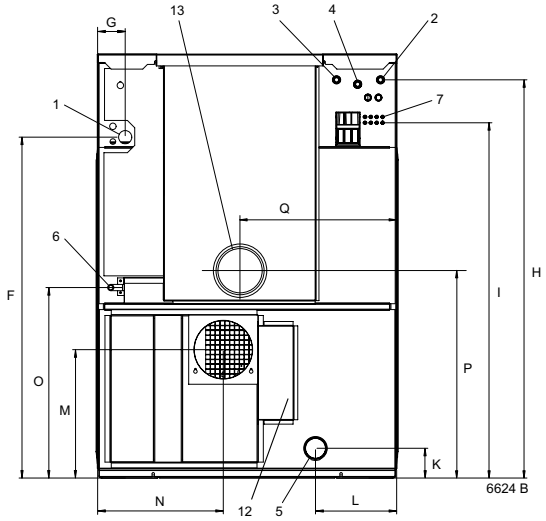
# Technical data

| | |
|---|---|
| **1** | Electrical connection |
| **2** | Cold water |
| **3** | Hot water |
| **4** | Cold or hot water |
| **5** | Drain |
| **6** | Gas connection |
| **7** | Liquid detergent supply |
| **8** | Control panel |
| **9** | Soap box |
| **10** | Door opening, WD4130: ø395, WD4240: ø435 |
| **11** | Exhaust connection |
| **12** | Fan inverter (adjustable speed setting) |
| **13** | Air inlet (option) WD4130 ø125, WD4240 ø160 |

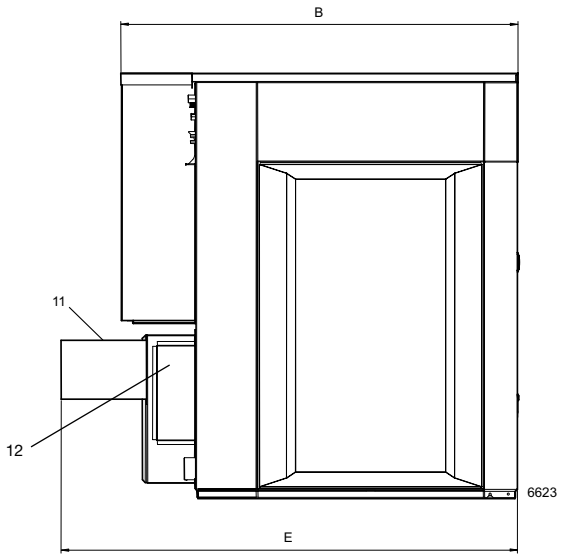
| | A | B | C | D | E | F | G | H | I | K | L | M | N | O | P | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **WD4130** | 910 | 1110 | 1330 | 435 | 1195 | 1055 | 90 | 1240 | 1095 | 105 | 275 | 385 | 410 | 535 | 585 | 450 |
| **WD4240** | 1020 | 1350 | 1450 | 500 | 1550 | 1170 | 95 | 1360 | 1215 | 105 | 265 | 440 | 430 | 650 | 710 | 535 |




Front




Rear side




Left view

| | WD4130 | WD4240 |
|---|---|---|
| Frequency of the dynamic force Hz | 16.4 | 14.8 |
| Floor load at max extraction kN | 3.0±0.5 | 4.5±1.0 |

# Installation

### Transportation and unpacking, WD4130, WD4240

The machine is delivered complete with expansion bolts etc. packed inside the machine in the drum.

The machine is delivered bolted onto the transport pallet and packed in a crate or box.

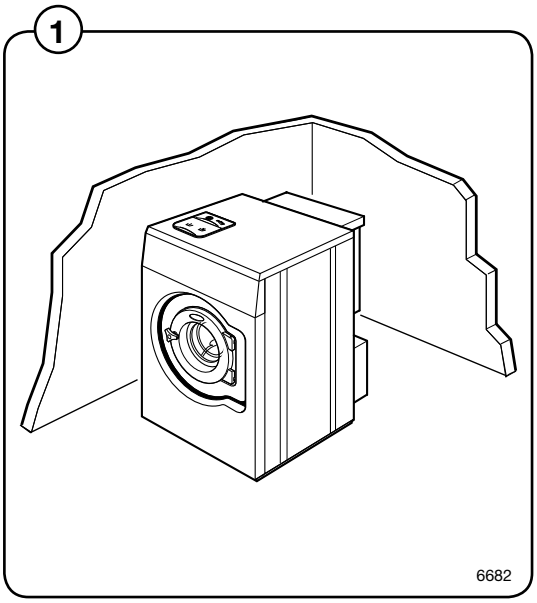
- Remove packing from the machine.
- Remove front and rear panel. Remove the bolts between the machine and pallet.
- Mount front and rear panel.
- Mount the feet.

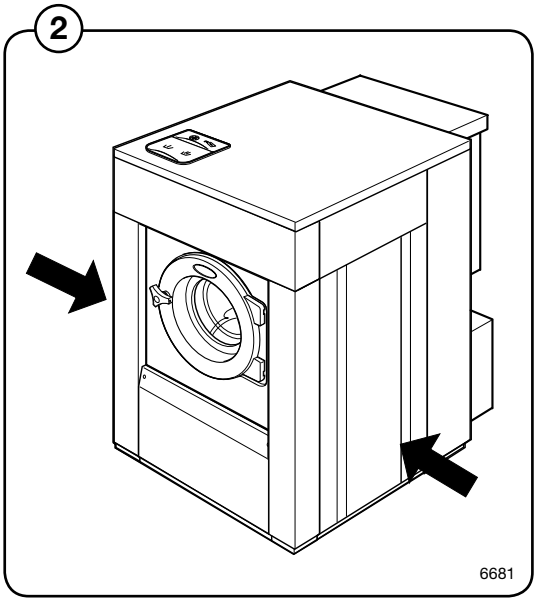
(1)
- Place the machine on its final position.
- Level the machine with the feet of the machine.

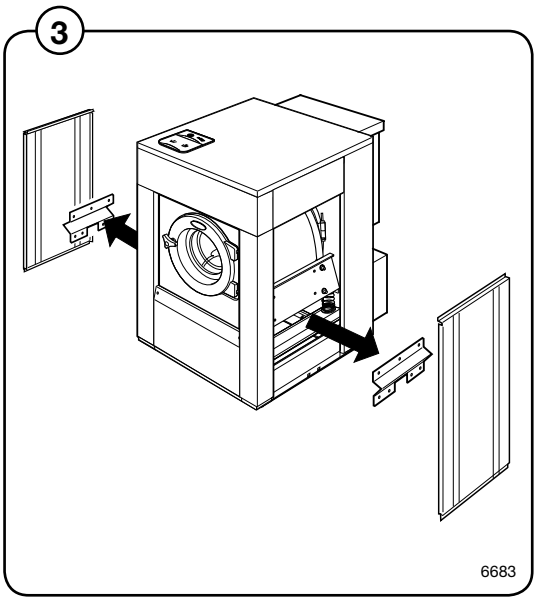
(2) The machine also comes with transport safety devices (two plate angles between the support and the drum).

In order to remove the safety devices:

(3)
- Remove the two side panels.
- Remove the two transport securities.
- The machine may not be moved with the transport securities removed. Save the transport securities for future use.



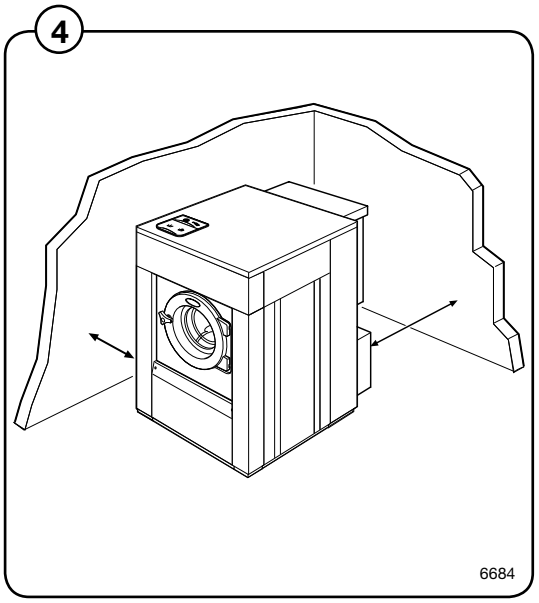



## Siting and floor

Install the machine close to a floor drain or open drain.

(4) In order to make installation and servicing the machine easier the following clearances are recommended:

- At least 1000 mm between the machine and the wall behind
- and min. 50 mm on both sides of the machine whether installed next to the wall or other machines.



## Mechanical installation

(5) • Mark and drill 2 holes, ø 10 mm and 50 mm deep in the positions **X** shown.

| | A | B | C | D | E | F | G | H |
|---|---|---|---|---|---|---|---|---|
| WD4130 | 635 | 490 | 135 | 30 | 515 | 195 | 60 | 220 |
| WD4240 | 790 | 615 | 115 | 30 | 650 | 185 | 60 | 220 |

● = position of feet

○ = drilling points for expander bolts

- The machine shall be lifted in the bottom frame.
- Place the machine over the two drilled holes.
- Screw home the feet as much as possible before starting to level the machine.
- Check that the machine is placed in level. Adjust with the feet.

**It is of utmost importance that the machine is placed in level, from side to side as well as front to rear. If the machine is not properly leveled, it may result in out-of-balance without a real out of balance in the drum.**

(6) • Insert the expansion bolts supplied in the holes drilled in the floor. Fit the washers and nuts, and tighten well.

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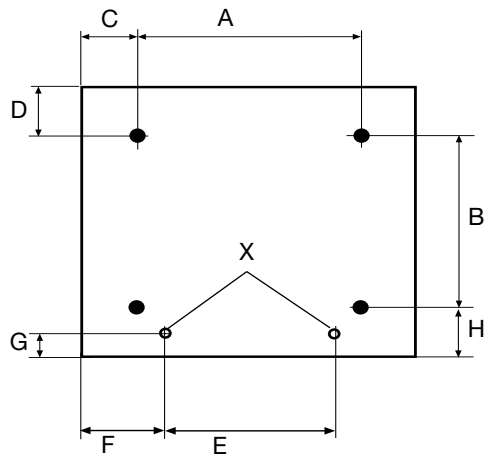


Front

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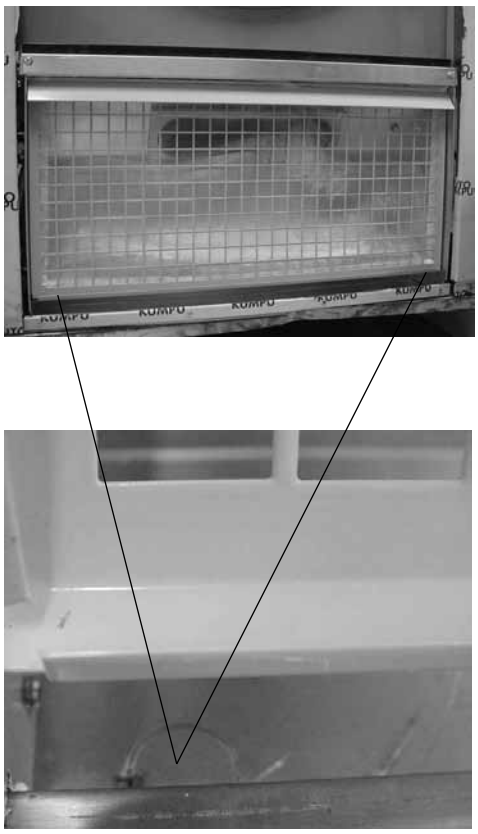

Knock out holes for expander bolts

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## Water connections

All intake connections to the machine are to be fitted with manual shut-off valves and filters, to facilitate installation and servicing.

Water pipes and hoses should be flushed clean before installation. After installation hoses should hang in gentle arcs.

**All connectors present on the machine must be connected up.** The table shows the possible connection options, which will depend on the water types to be connected to the machine. Check the machine plates too.

**All water connectors must be connected up,** otherwise the wash program will not function correctly.

Hoses are to be of an approved type and grade and comply with IEC 61770.

Machines shall be connected with new water hoses. Re-used water hoses must not be used.

The water pressure data is as follows:

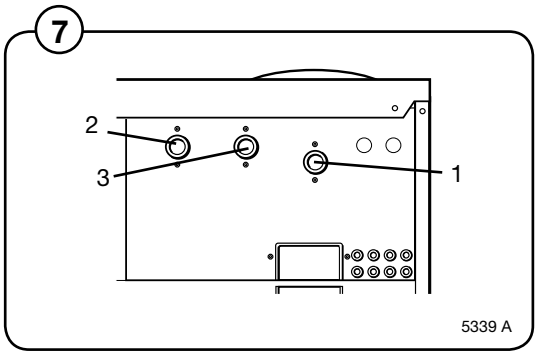
- min: 50 kPa (0,4 kp/cm$^2$)
- max: 1 MPa (10 kp/cm$^2$)
- recommended: 200-600 kPa (2-6 kp/cm$^2$)

**If the water pressure is below the min. value, the wash result can not be guaranteed for certain program.**

(7)

| Water type | Water connection | | |
|---|---|---|---|
| | 1 | 2 | 3 |
| cold and hot | cold | hot | cold*/ hot |

* For detergent container



## Drain connection

Connect a 75 mm (3") pipe or rubber hose to the machine's drain pipe, ensuring a downward flow from the machine. Avoid sharp bends which may prevent proper draining.

(8) The drainage pipe should be located over a floor drain, drainage channel or the like so that the distance between the outlet and the drain is at least 25 mm (1").

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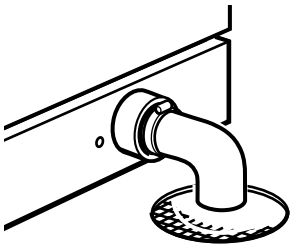

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# Evacuation system

## Fresh-air

(9) For maximum efficiency and the shortest possible drying time, it is important to ensure that fresh air is able to enter the room from the outside in the same volume as that blown out of the room.

(10) To avoid a draught in the room, it is advisable to place the air inlet behind the machine. The area* of the air inlet opening must be 5 times the size of the vent pipe area.

The resistance in the grating/slats on the air inlet cover plate should not exceed 10 Pa (0.1 mbar).

WD4130: The air consumption is max. 340 $m^3$/h.

WD4240: The air consumption is max. 580 $m^3$/h.

*The area of the inlet opening is the area through which the air can flow without resistance from grating/slatted cover.

Note that gratings/slatted covers often block half of the total fresh air vent area. Remember to take this into account.

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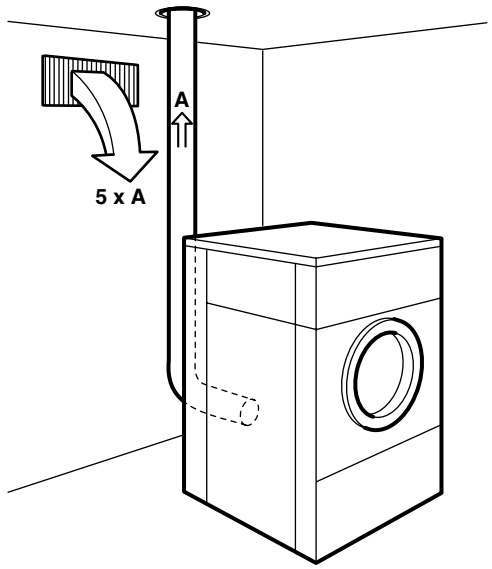


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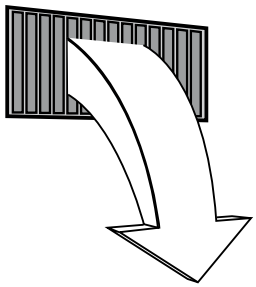


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## Exhaust duct

- The exhaust duct must be smooth on the inside (low air resistance).
- The exhaust duct must lead to the outdoors.
- The exhaust duct must lead clear of the building as condensation may cause frost damage to the building.
- The exhaust duct must be protected against rain and foreign objects.
- (11) The exhaust duct must have gentle bends.
- The exhaust duct must not be a shared duct between machinees and appliances using gas or other fuels as their energy source.

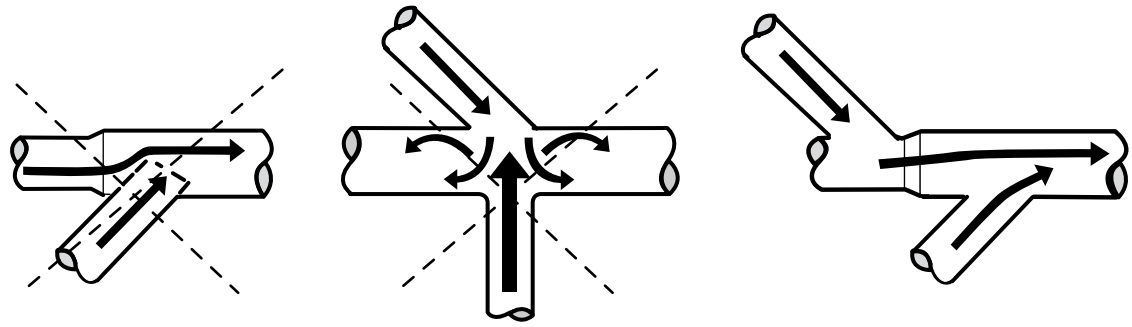
When several machines share an exhaust duct:

- (12) The exhaust duct diameter must increase after each machine.
  The table below shows the exhaust duct diameter and the necessary fresh-air inlet area.

**NOTE!**
**It is recommended that each machine is connected to a separate exhaust duct.**

**The evacuation pipe diameter must not be reduced.**

11



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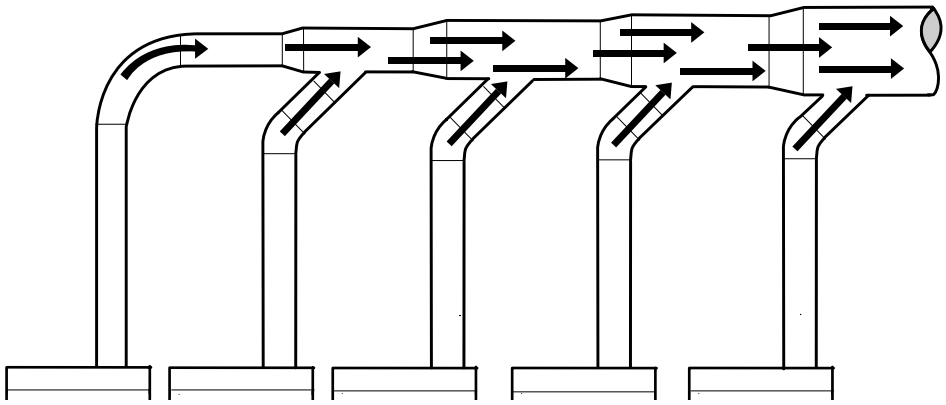

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## WD4130

| No. of machines | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|
| Air outlet pipe diameter in mm | 125 | 160 | 200 | 200 | 250 | 250 | 315 | 315 | 315 | 315 |
| Required area of fresh-air inlet $m^2$ | 0.04 | 0.08 | 0.12 | 0.16 | 0.20 | 0.24 | 0.28 | 0.32 | 0.36 | 0.40 |

Each machine requires a 200 x 200 mm fresh-air inlet opening.

## WD4240

| No. of machines | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|
| Air outlet pipe diameter in mm | 200 | 250 | 315 | 315 | 400 | 400 | 500 | 500 | 500 | 500 |
| Required area of fresh-air inlet $m^2$ | 0.12 | 0.24 | 0.36 | 0.48 | 0.60 | 0.72 | 0.84 | 0.96 | 1.08 | 1.2 |

Each machine requires a 400 x 300 mm fresh-air inlet opening.

## Exhaust dimensioning

It is important that the machine has the correct air volume compared to each machines power.
If the air volume is smaller or larger this will result in a longer drying period.

### Minimum air volume

If the outlet air volume gets too low the microprocessor will report an error and error code **E15** will be displayed.

| Type | Power kW | Recommended air flow range (cold machine) $m^3/h$ |
|---|---|---|
| **WD4130** | 8 | 290-310 |
| **WD4130** | 10 | 310-340 |
| **WD4240** | 16 | 510-540 |
| **WD4240** | 19 | 540-580 |

## Air volume control WD4130

Remove cover panel for the fan inverter at the rear of the machine.

**Example:**
WD4130 with a 10 kW power must have an optimum air volume of 310-340 m³/h. (Empty machine and no heat).

Pressure drop is measured by removing temp. sensor (1) and adapt a hose connected to a pressure gauge. There is a special program hidden "Drying no heat" that can be activated when adjusting the fan.

**A**

(13) Measured pressure drop 190 Pa at 57 Hz is between the lines and shows that the air flow is between 310 and 340 m³/h. This shows that the frequence is correctly set on the frequence controller for the fan.

**B**

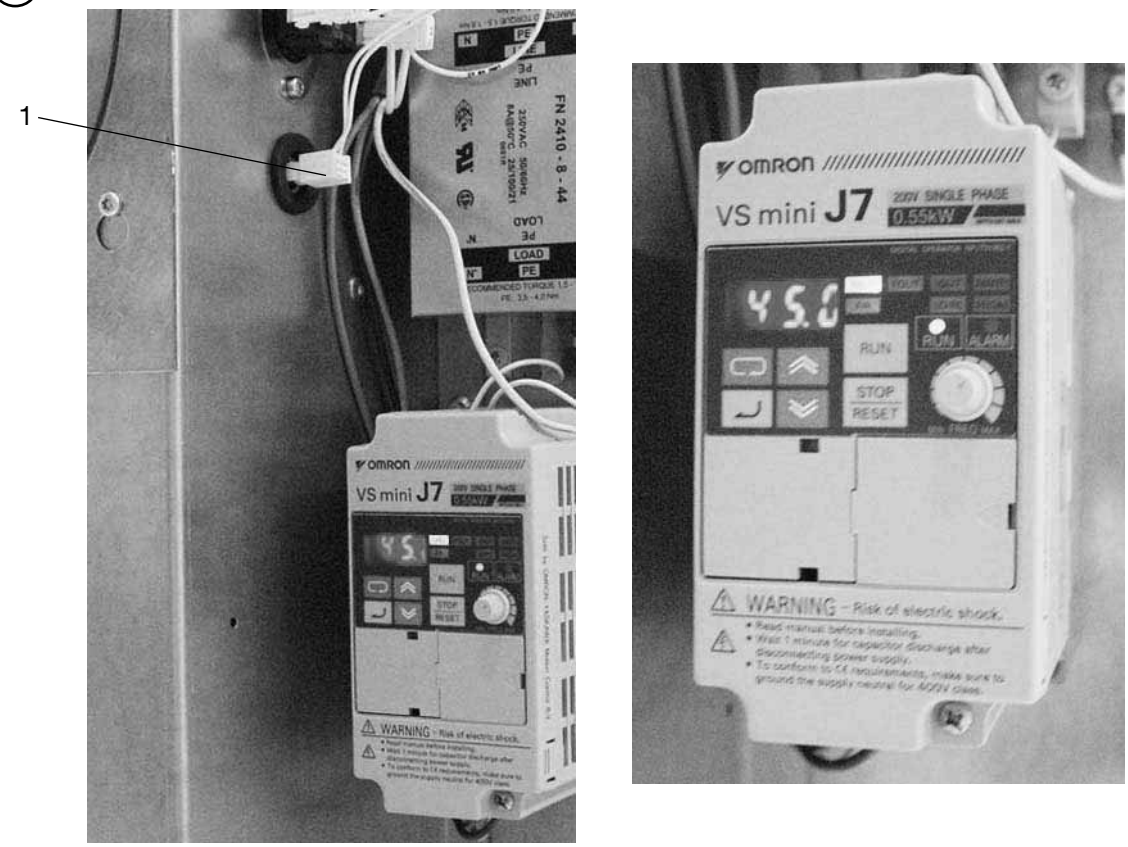
(14) Measured pressure drop 230 Pa at 51 Hz is above the lines and shows that the air flow is below 310 m³/h. The fan speed is too low. Increase the frequence on the frequence controller.

**C**

Measured pressure drop 160 Pa at 61 Hz is below the lines and shows that the air flow is above 340 m³/h. The fan speed is to high. Decrease the frequence on the frequence controller.

- Pressure drop is measured by removing sensor (1) and adapt a hose connected to a pressure gauge. There is a special program hidden "Drying no heat" that can be activated, when adjusting the fan.

(13)

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**14**

Diagram with pressure drop curve WD4130 (8 kW, Electric heated machine)

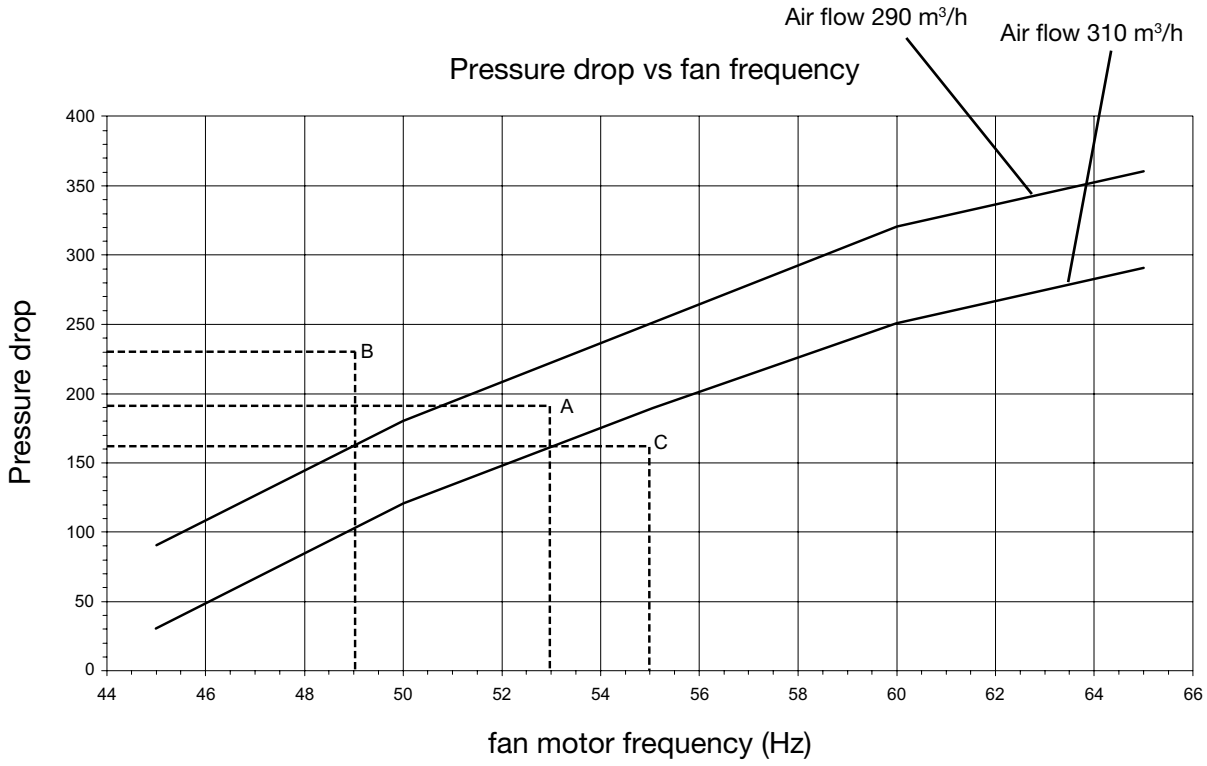
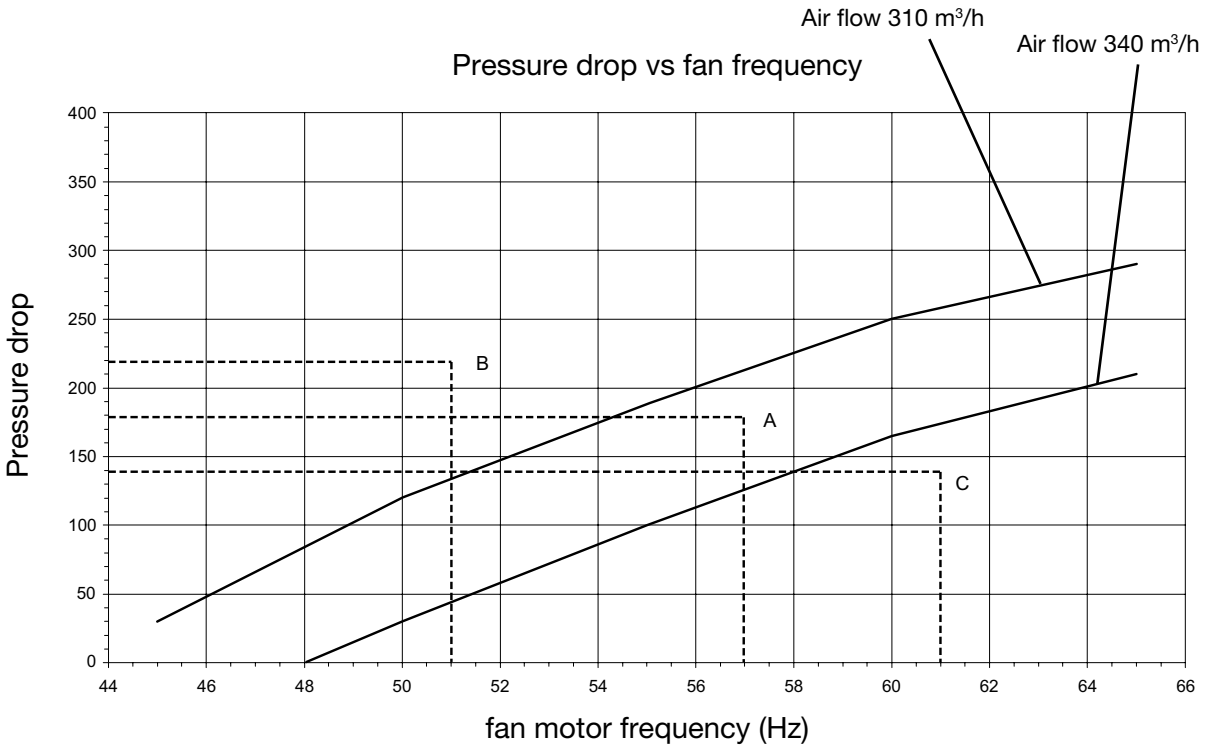



Diagram with pressure drop curve WD4130 (10 kW, Gas heated machine)



## Air volume control WD4240

Remove cover panel for the fan inverter at the rear of the machine.

**Example:**
WD4240 with a 19 kW power must have an optimum air volume of 540-580 m³/h. (Empty machine and no heat).

Pressure drop is measured by removing temp. sensor (1) and adapt a hose connected to a pressure gauge. There is a special program hidden "Drying no heat" that can be activated when adjusting the fan.

**A**

(15) Measured pressure drop 180 Pa at 57 Hz is between the lines and shows that the air flow is between 510 and 540 m³/h. This shows that the frequence is correctly set on the frequence controller for the fan.

**B**

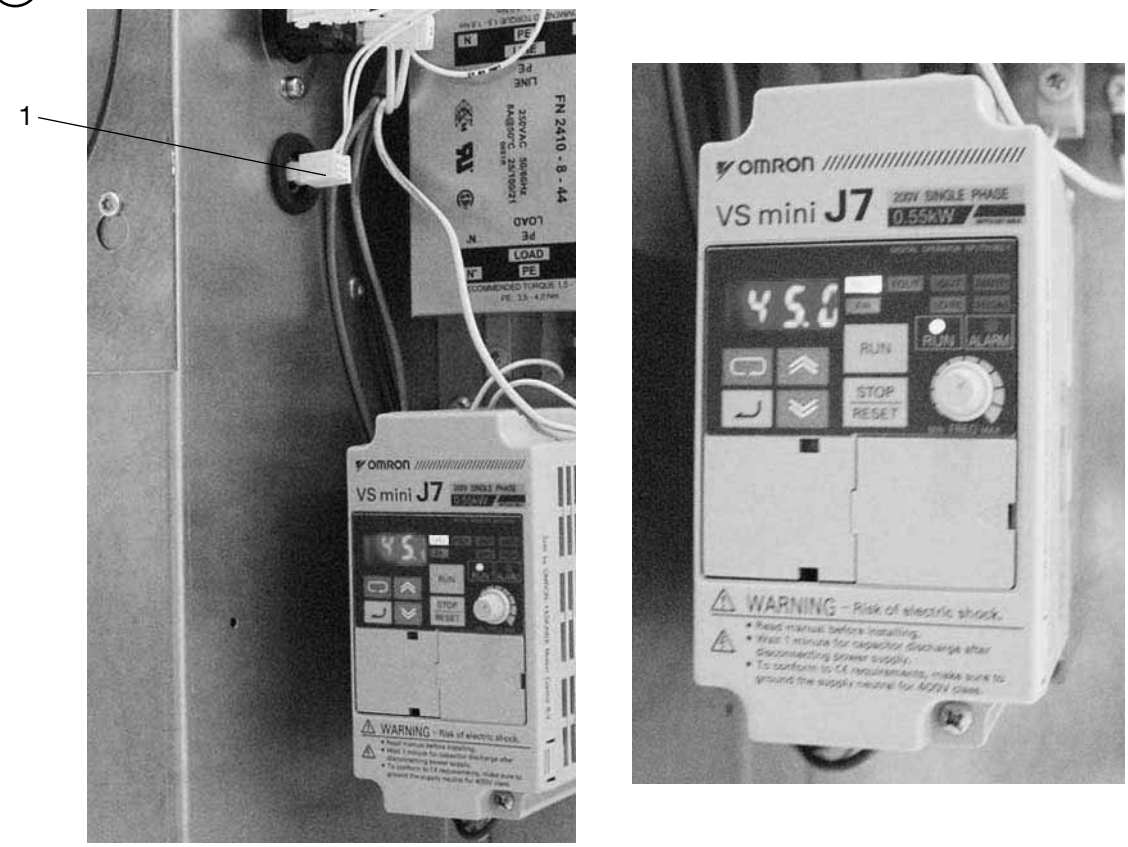
(16) Measured pressure drop 220 Pa at 49 Hz is above the lines and shows that the air flow is below 510 m³/h. The fan speed is too low. Increase the frequence on the frequence controller.

**C**

Measured pressure drop 140 Pa at 59 Hz is below the lines and shows that the air flow is above 540 m³/h. The fan speed is to high. Decrease the frequence on the frequence controller.

- Pressure drop is measured by removing sensor (1) and adapt a hose connected to a pressure gauge. There is a special program hidden "Drying no heat" that can be activated, when adjusting the fan.

(15)

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**16**

Diagram with pressure drop curve WD4240 (16 kW, Electric heated machine)

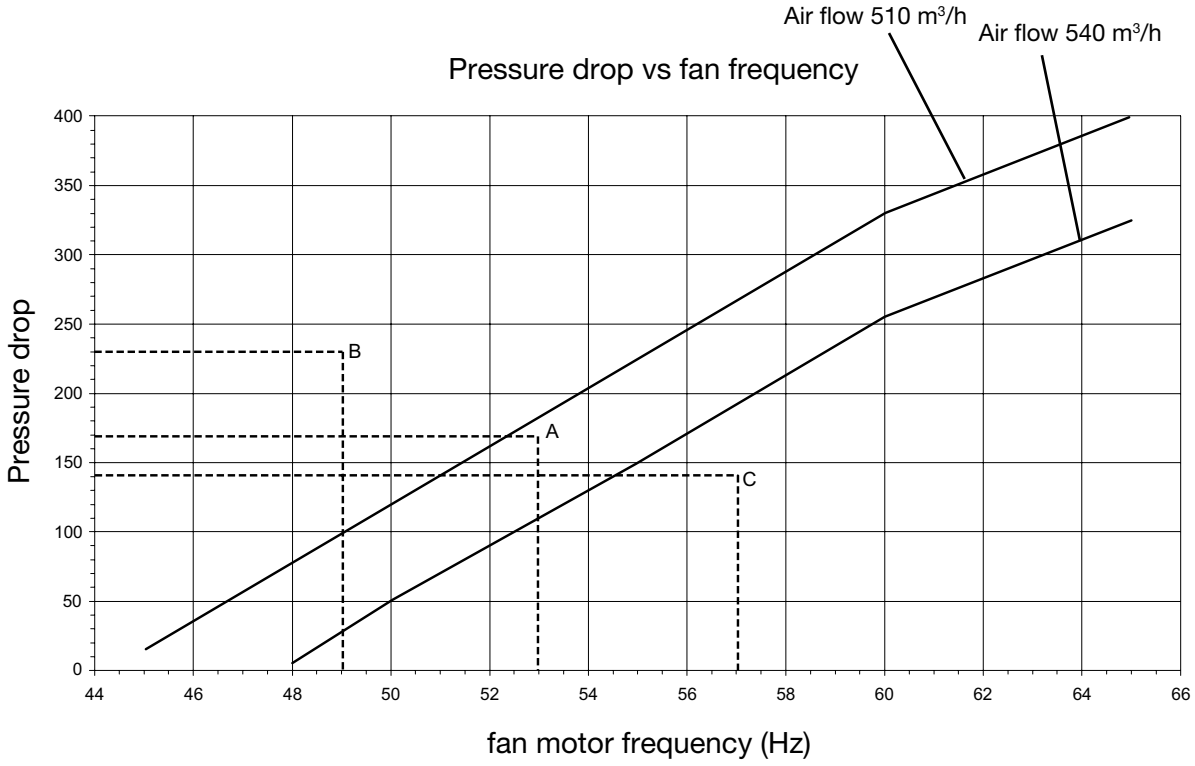
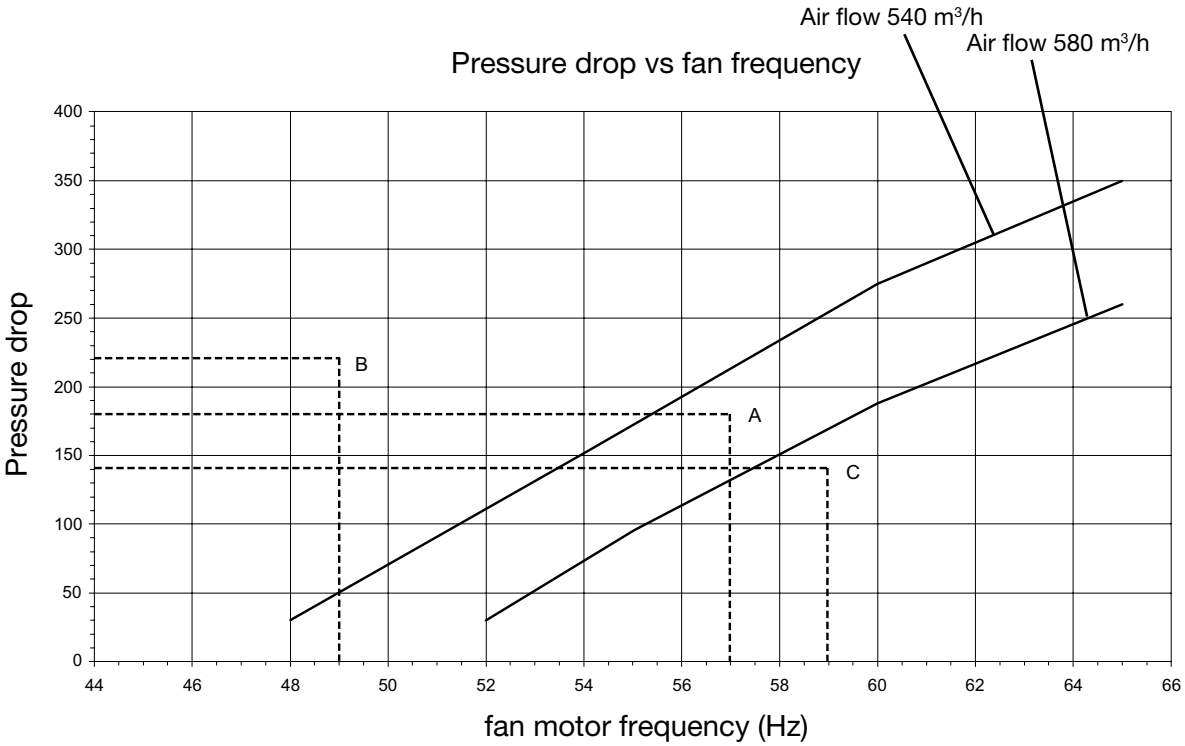



Diagram with pressure drop curve WD4240 (19 kW, Gas heated machine)



## Connection of external liquid supplies

**The external dosing equipment power supply must never be connected to the machine's incoming terminal block.**

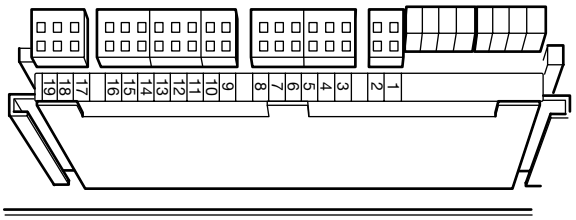
Detergent signal 1 to 5:

(17)
- Connect the external pump equipment for liquid washing detergent signal 1 to 5 to the I/O board, which is located to the right of the incoming power supply.
  The I/O card has edge connectors for connecting external pumps.
- Edge connectors on the I/O board can be loosened for connecting cables.

Detergent signal 6 to 10:

(18)
- Connect the external pump equipment for liquid washing detergent signal 6 to 10 to the terminal block located above the I/O board.

(17)

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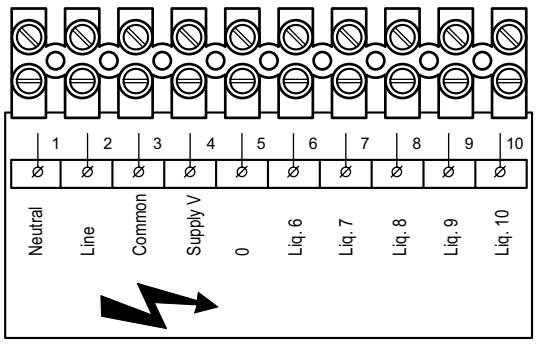
(18)

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## Outputs

Detergent signal 1 to 5:

(19) • Connect external power supply (e.g. 24V DC) for pumps to 9 and 10. If an internal power supply (from the washing machine) is being used, it can be taken from 1 (N) and connected to 9 and from 2 (L) and connected to 10.

Detergent signal 6 to 10:

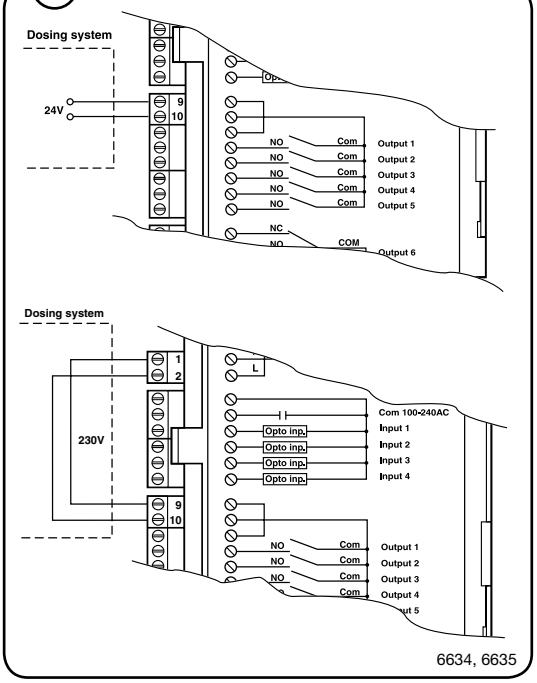
Connect external power supply (e.g. 24V DC) for pumps to 3 and 4 on the terminal block. If an internal power supply (from the washing machine) is being used, it can be taken from 1 and connected to 3 and from 2 and connected to 4.
Max load on the outputs 0.5 A.

(20) • Signals for pumps 1-5 are connected to 12-16 where connector:
  12 Washing detergent signal 1
  13 Washing detergent signal 2
  14 Washing detergent signal 3
  15 Washing detergent signal 4
  16 Washing detergent signal 5

• Signals for pumps 6-10 are connected to terminal block 5-10 where block:
  6 Washing detergent signal 6
  7 Washing detergent signal 7
  8 Washing detergent signal 8
  9 Washing detergent signal 9
  10 Washing detergent signal 10

• The programs on the machine can be found on the machine's data plate.

19




6634, 6635

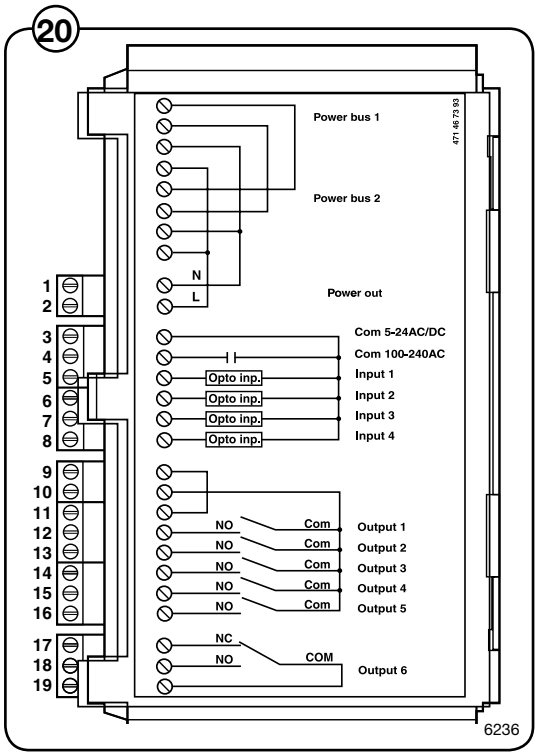
| | 3M14* | 3R01* | Other programs |
|---|---|---|---|
| Signal 1 | – | Prewash | Prewash |
| Signal 2 | Mainwash | Mainwash | Mainwash |
| Signal 3 | Softener | Softener | Softener |
| Signal 4 | Mop last rinse | Pr 1 last rinse | - |
| Signal 5 | Bleach | Bleach | Bleach |

* M= Mop, R = Restaurant

| | 5W05 (Woolmark) |
|---|---|
| Signal 6 | – |
| Signal 7 | Mainwash (Wet 2) |
| Signal 8 | Last rinse (Wet 3) |
| Signal 9 | – |
| Signal 10 | – |

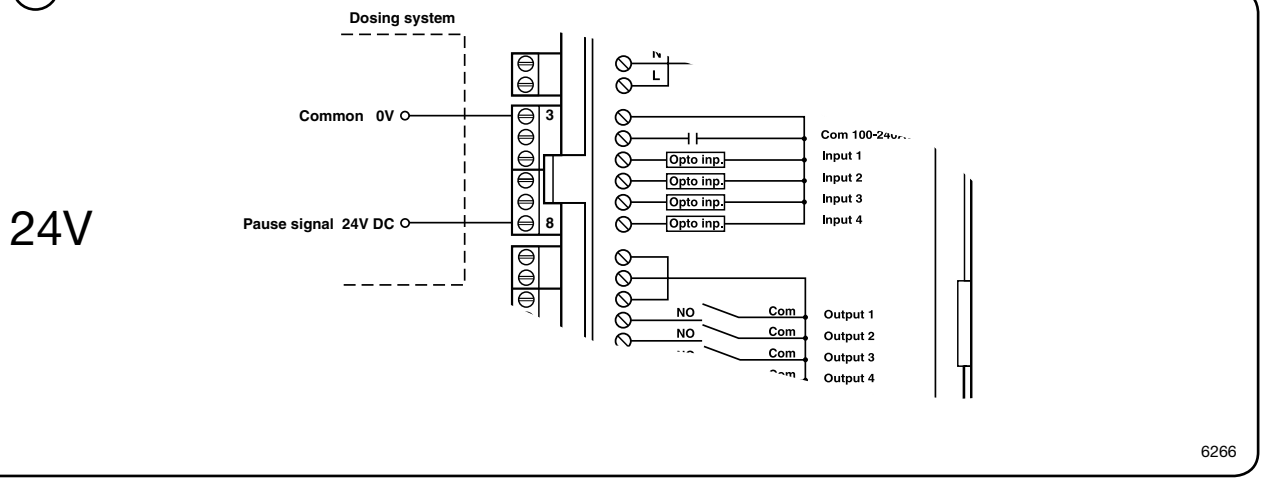
Inputs

- The signal level can be 5-24V DC/AC or 100-240V AC. For 5-24V, the signal reference is connected to 3 and for 100-240V to 4. Potentials on the inputs cannot be mixed.
  NB! The I/O board will be damaged if the voltage on connection 3 is too high, >24V.

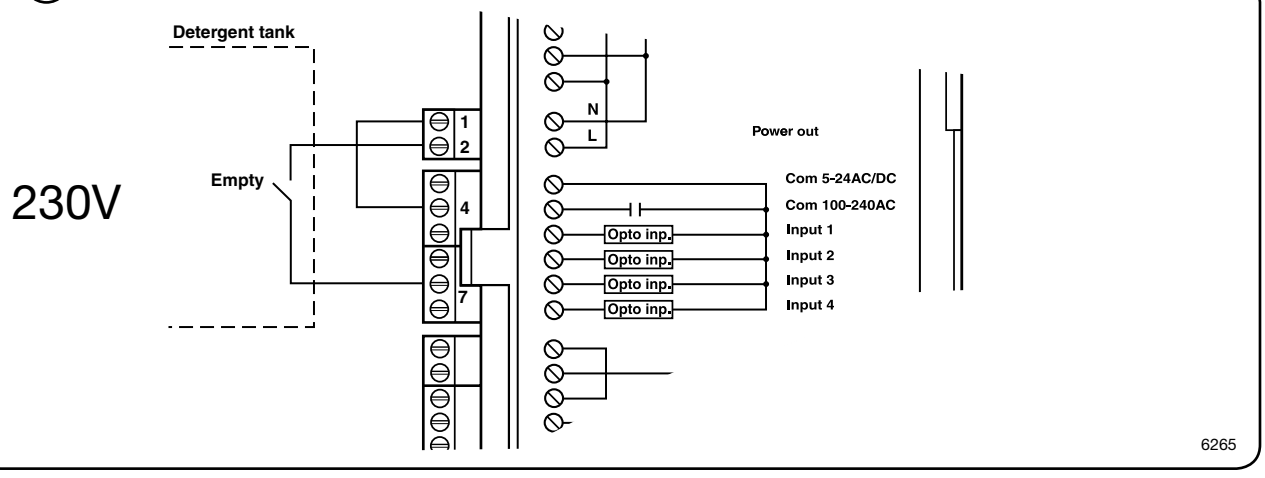


(21) • Connection 8 may be connected if the washing program is to pause, e.g. while washing detergent is being dosed.
The figure shows an example of engaging a 24V pause signal.
The washing program will pause for as long as the pause signal remains activated (high).

21



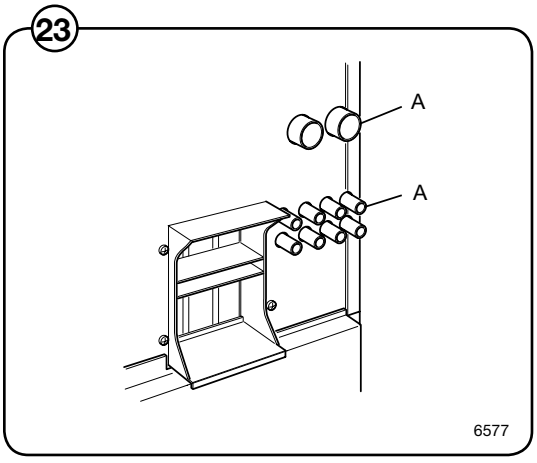

22




(22) • Connection 7. If this is connected, an error message will be displayed indicating that one of the chemical tanks is empty. The washing program will continue, however.
The figure shows an example of engaging a normal open contact.

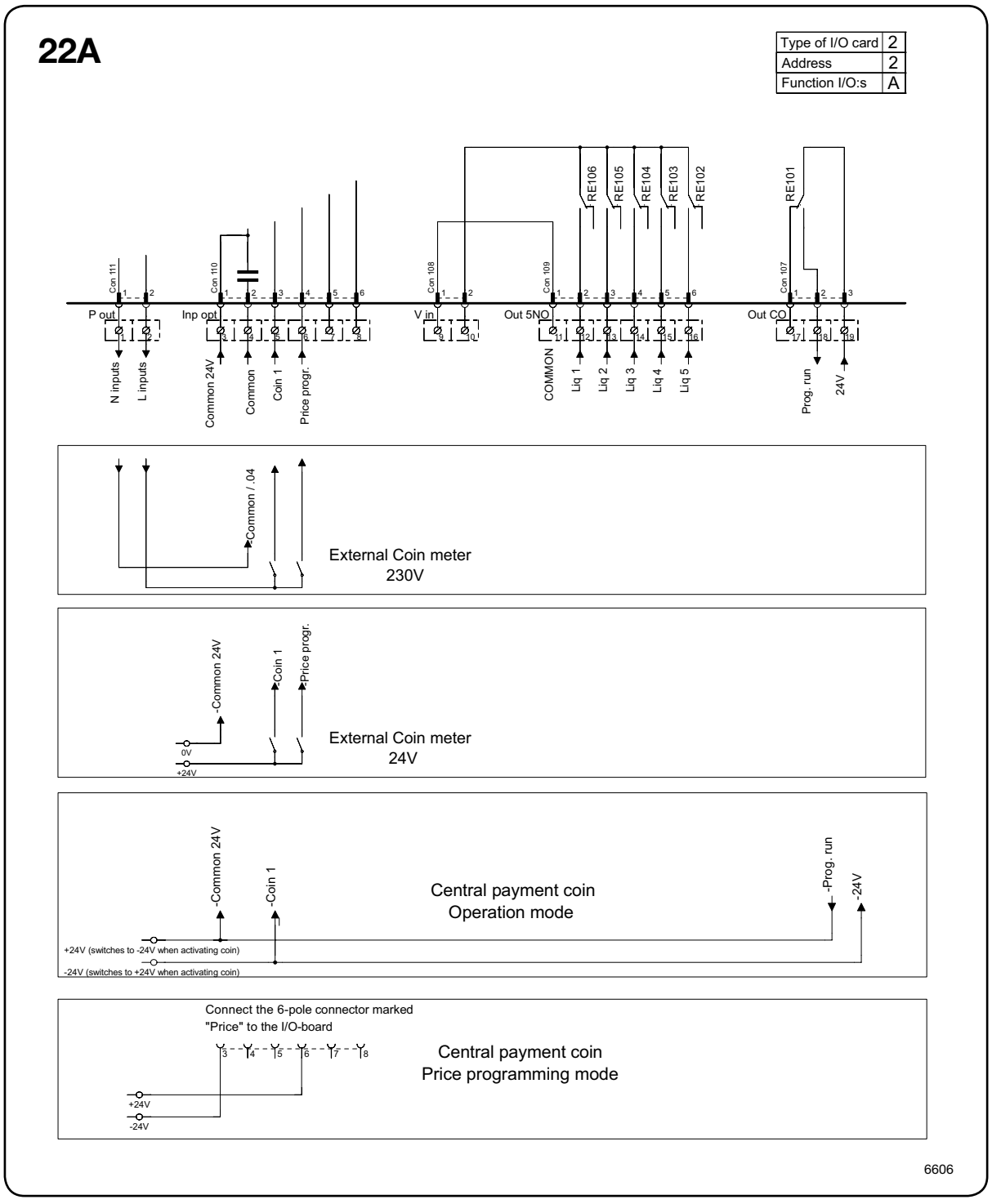
(23) • Connect the liquid dosing hoses to any of the connections marked A.

23

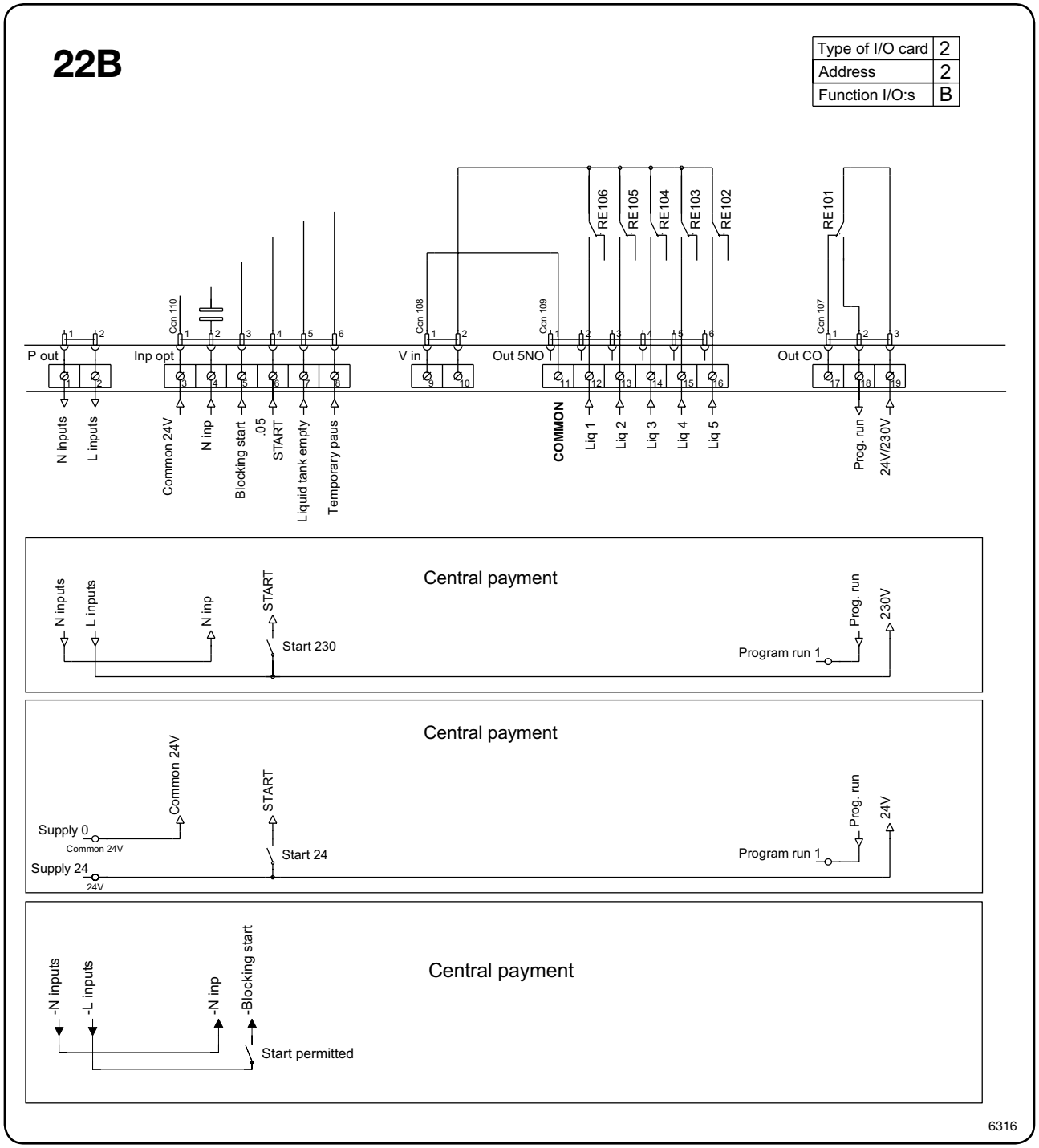


## Circuit diagram of function options for I/O module type 2

The wiring diagram for I/O module type 2 may be one of the following variants: 22A, 22B, 22C, 22D, 22E, 22F or 22H.



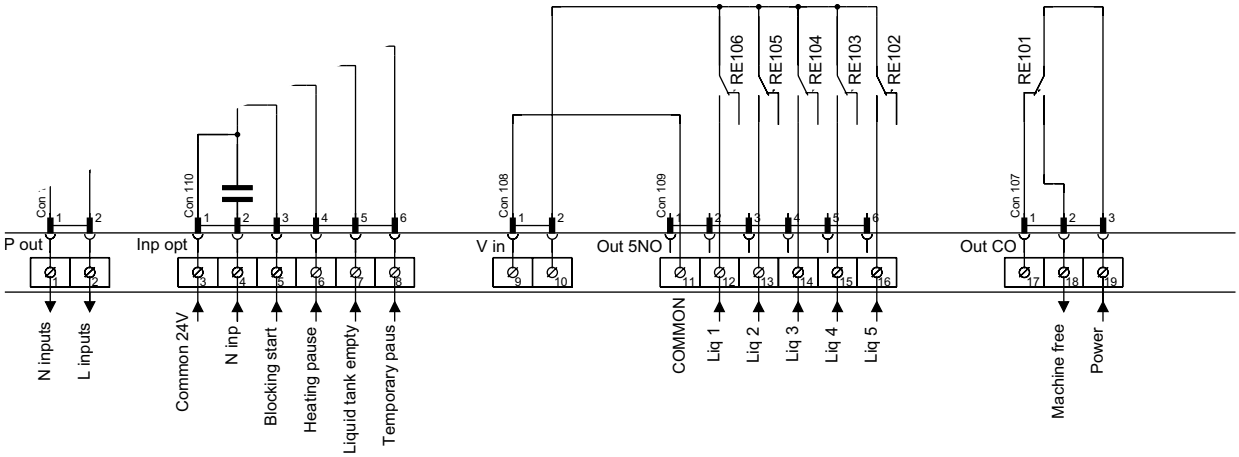

- The signal received from external slot meters must be a pulse.
  In order to count down prices, the signal initiating the programming procedure must be active (high).

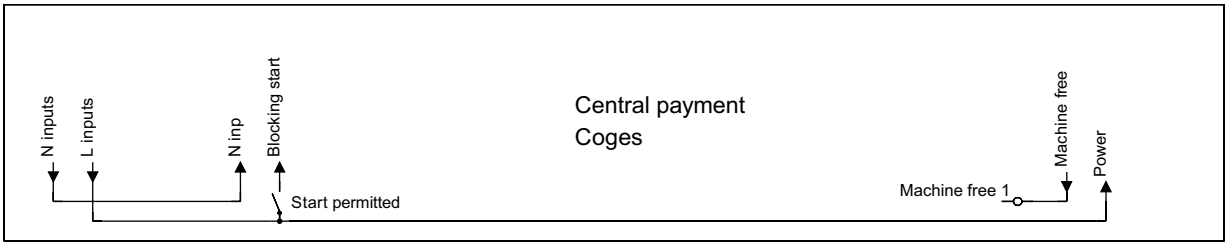


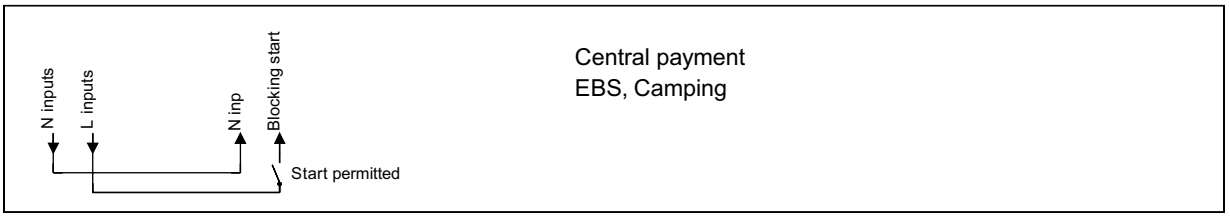

- To start the machine from a central payment system, the payment system must transmit a start pulse to the machine. Door lock activates on positive flank and program starts on negative flank of start pulse. The start pulse can be either 230V or 24V. In order to receive a feedback signal once the machine has started, 230V or 24V must be connected to connection 19. The feedback signal on connection 18 remains active (high) during the entire wash program.

## 22C

| | |
|---|---|
| Type of I/O card | 2 |
| Address | 2 |
| Function I/O:s | C |

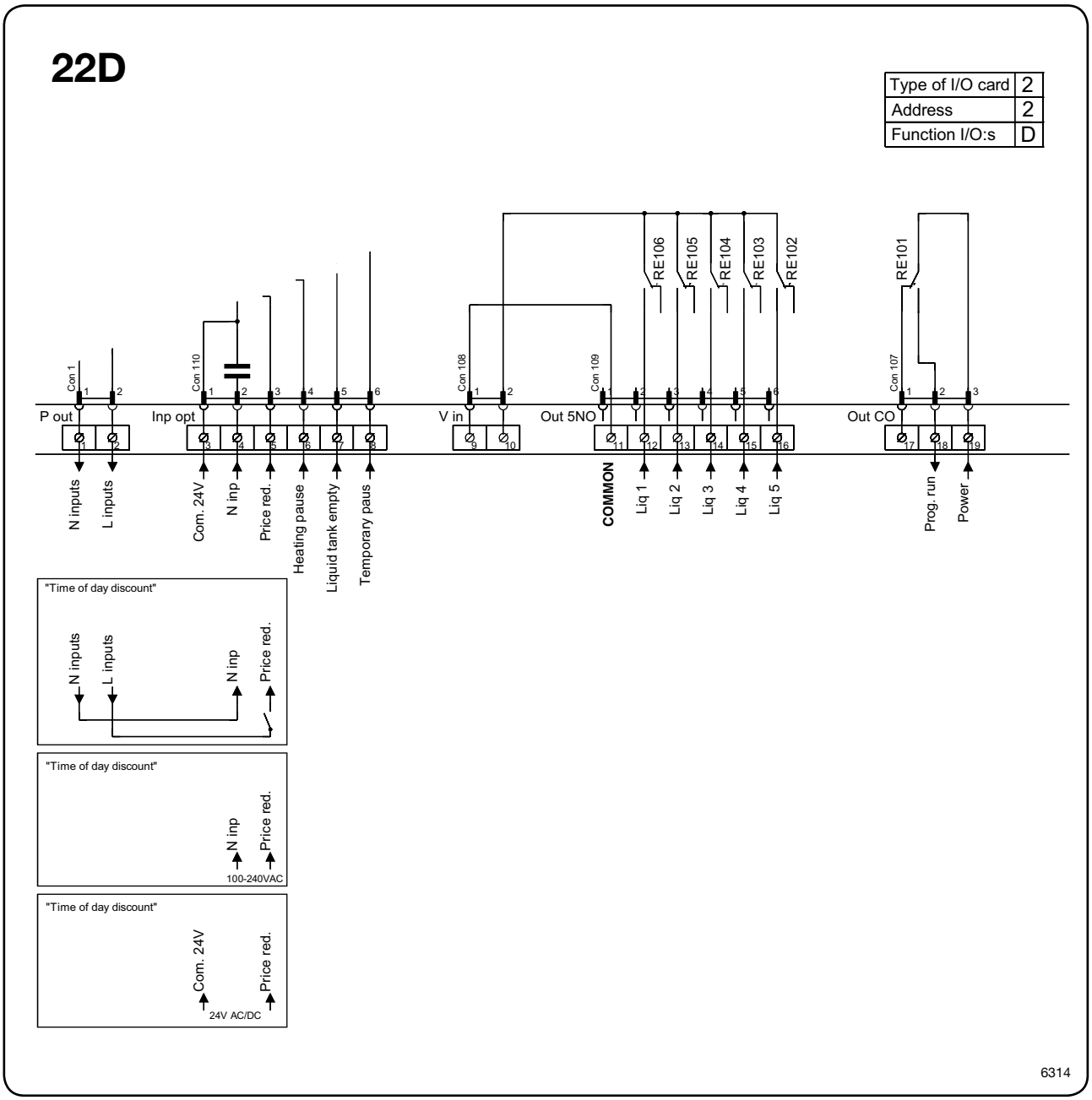



6313

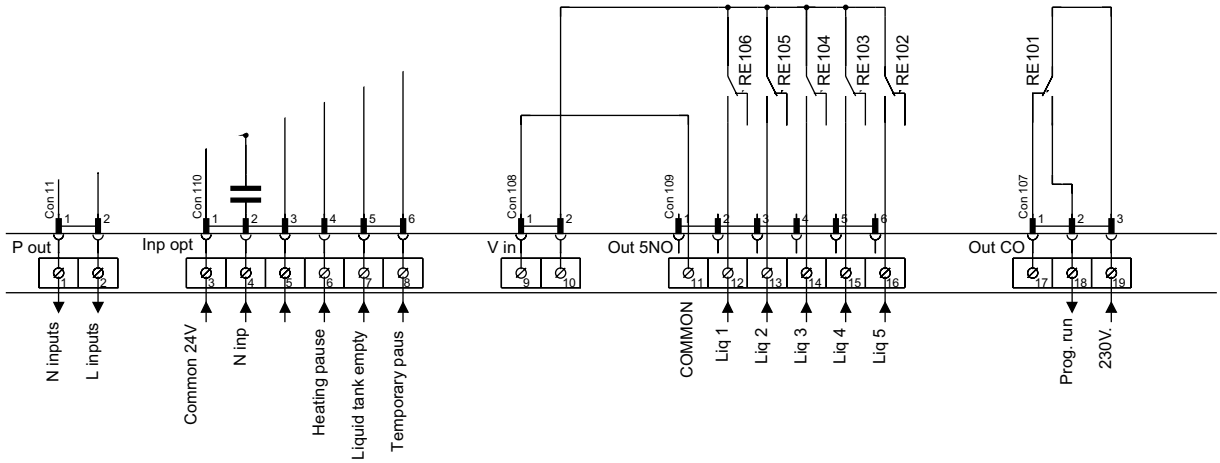
- The central payment or booking system shall transmit an active (high) signal to the washing machine once permission has been granted to start the machine. The signal must remain active (high) until the machine starts. A feedback signal will be present on connection 18 and remain active (high) whilst the machine door is closed but the wash program has not started. The feedback signal is powered by 230V or 24V from connection 19.




- The figure shows standard function addressing for machines with the 3L41 program package.
- By maintaining an activated (high) signal on connection 5 ("Price red"), the price of the wash program can be reduced. This function has a number of uses, including providing reductions during a specific period of the day. Whilst the signal remains active (high), the price of the wash program is reduced by the percentage entered in the price programming menu.

## 22E

| | |
|---|---|
| Type of I/O card | 2 |
| Address | 2 |
| Function I/O:s | E |

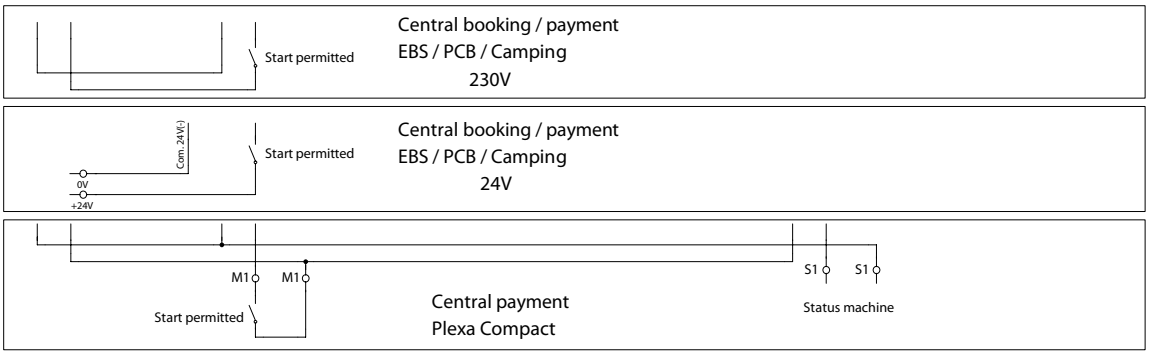



6315

- Heating pause: By connecting a signal to connection 6, you can pause operation of the machine whilst it heats up. The machine will pause for as long as the pause signal remains active (high).

## 22F

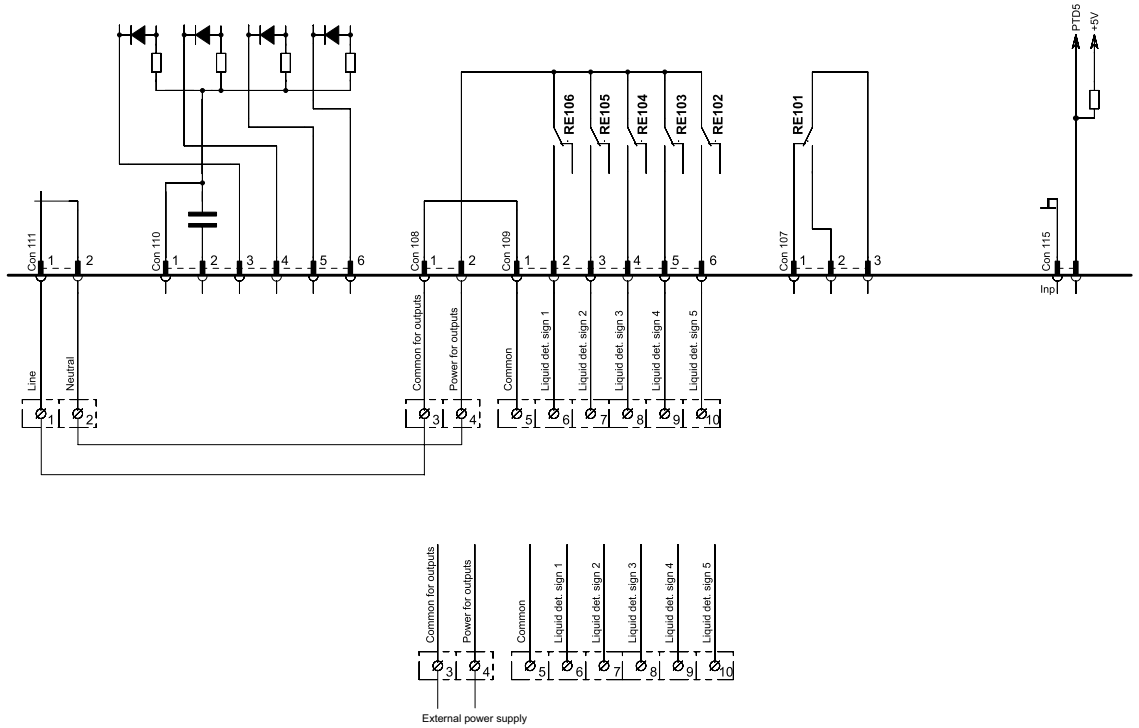
| | |
|---|---|
| Type of I/O card | 2 |
| Address | 2 |
| Function I/O:s | F |




6944

- The central payment or booking system shall transmit an active (high) signal to the washing machine once permission has been granted to start the machine. The signal must remain active (high) until the machine starts. A feedback signal will be present on connection 18 and remain active (high) whilst the wash program is running. The feedback signal is powered by 230V from connection 19 or external 24V.

## 22H




7016

- Connect external power supply (e.g. 24V DC) for pumps to 3 and 4.
  If an internal power supply (from the washing machine) is being used, it can be taken from 1 and connected to 3 and from 2 and connected to 4.

## Electrical installation

**Electrical installation must be carried out by an authorized personnel!**

**Machines with frequency-controlled motors can be incompatible with certain types of earth leakage circuit breaker. It is important to know that the machines are designed to provide a high level of personal safety, which is why items of external equipment such as earth leakage circuit breakers are not necessary. If you still want to connect your machine across an earth leakage circuit breaker, please remember the following:**

- **contact a skilled, authorised installation company to ensure that the appropriate type of breaker is chosen and that the dimensioning is correct**
- **for maximum reliability, connect only one machine per earth leakage circuit breaker**
- **it is important that the earth wire is properly connected, including to the earth leakage circuit breaker**.

In instances where the machine is not equipped with an omni-polar switch, one must be installed beforehand.

Mount a multi-pole switch prior to the machine to facilitate installation and service operations.

The connecting cable should hang in a gentle curve.

Fuse size, see table.

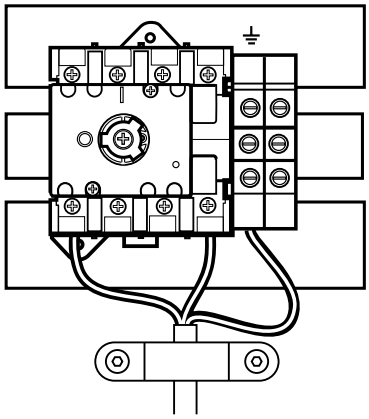
When connecting to a terminal block, the connection cable shell must be stripped 10-11 mm. The cable area must be at least 0.5 mm2 and no more than 4 mm2 (AWG12/AWG20). The terminal block used is a spring loaded cage clamp.

Single-phase connection:

(1) Connect the earth and other two wires as shown in example in the figure.

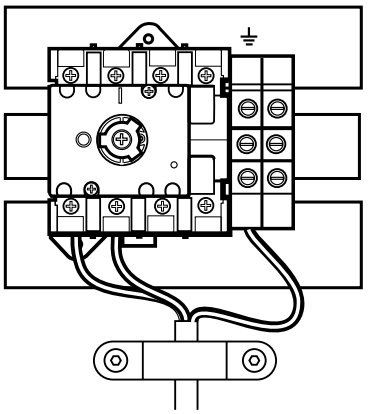
(1)

1NAC



5332

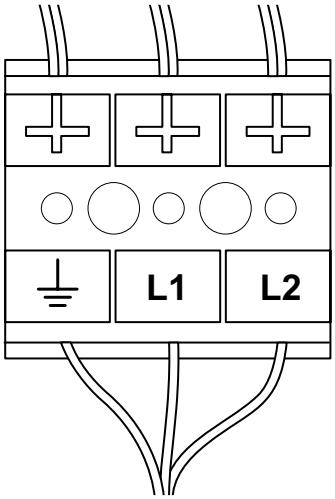
1AC



5333A

**or**

1AC



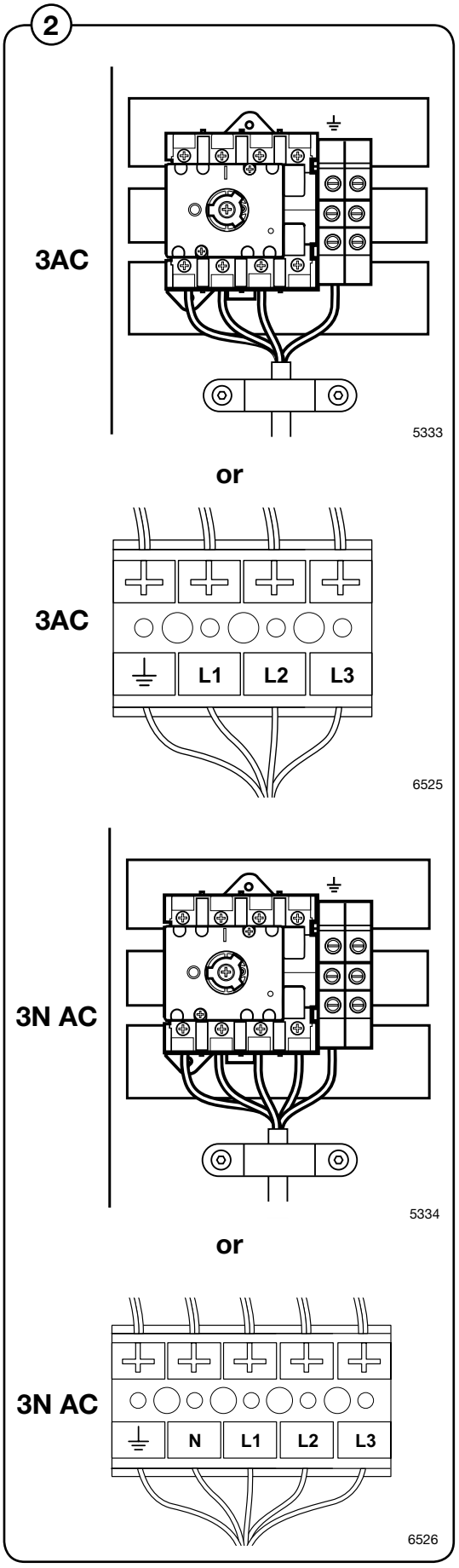

6524

Three-phase connection:

(2) Connect the earth, neutral and phase wires as shown in example ”3AC” and ”3N AC” in the figure.

When the installation is completed, check:

- that the drum is empty.
- that the machine operates by turning on the mains switch, starting the machine and using RAPID ADVANCE to reach the spin cycle (see operations manual).



## WD4130

| Heating alternative | Voltage alternative | Total kW | Fuse A |
|---|---|---|---|
| No heating or Gas heating | 200 V 3 AC | 1.6 | 10 |
| | 208-240 V 1 AC | 1.6 | 10 |
| El heating | 200 V 3 AC | 9.5 | 35 |
| | 220-240 V 1 AC | 12.5 | 63 |
| | 208-240 V 3 AC | 11.8 | 35 |
| | 220-240 V 3 AC | 12.5 | 35 |
| | 380-415 V 3N/3 AC | 12.5 | 20 |
| | 415 V 3N AC | 12.5 | 25 |
| | 440/480 V 3 AC | 13.5 | 20 |
| | 380-415/220-240 V 3N/3 | 12.5 | 20/35 |

## WD4240

| Heating alternative | Voltage alternative | Total kW | Fuse A |
|---|---|---|---|
| No heating or Gas heating | 200 V 3 AC | 2.6 | 16 |
| | 208-240 V 1 AC | 2.6 | 16 |
| | 480 V 3 AC | 2.6 | 10 |
| El heating | 200 V 3 AC | 15.5 | 50 |
| | 240 V 1 AC | 14.3 | 63 |
| | 220-230 V 3 AC | 13.3 | 50 |
| | 240 V 3 AC | 14.3 | 50 |
| | 208-240 V 3 AC | 18.3 | 63 |
| | 240 V 3 AC | 20.9 | 63 |
| | 380-400 V 3N/3 AC | 13.3 | 35 |
| | 380-400 V 3N/3 AC | 19.4 | 35 |
| | 415 V 3/3N AC | 14.3 | 35 |
| | 415 V 3N AC | 20.9 | 35 |
| | 440 V 3 AC | 22.1 | 35 |
| | 480 V 3 AC | 23.9 | 35 |
| | 380-400/220-230 V 3N/3 | 19.4 | 35/63 |
| | 415/240 V 3N/3 | 20.9 | 35/63 |
| | 415/240 V 3N/3/1 | 20.9/14.3 | 35/63 |

## Gas installation

**To be carried out by qualified personnel**

Mount a shut-off valve upstream from the machine.

The gas connection to the machine should be dimensioned to an output of 10 kW (WD4130) and 19 kW (WD4240).

The factory nozzle pressure setting corresponds to the fuel value given on the name plate.

Check that the nozzle pressure and fuel value agree with the values given in the table. If not, contact the supplier.

Bleed the pipe system before connecting the dryer.

**After connection, test all joints for leaks.**

### Test run

(1) Loosen the measuring branch screw (B) 1/4 of a turn.

Connect a manometer to the measuring branch (B).

Select a programme that uses heat.

Start the machine.

Check the nozzle pressure, see table.

If necessary, adjust the setting screw (C) of the regulator under the cover screw (D).

Check that the gas is burning evenly and with a bluish flame.

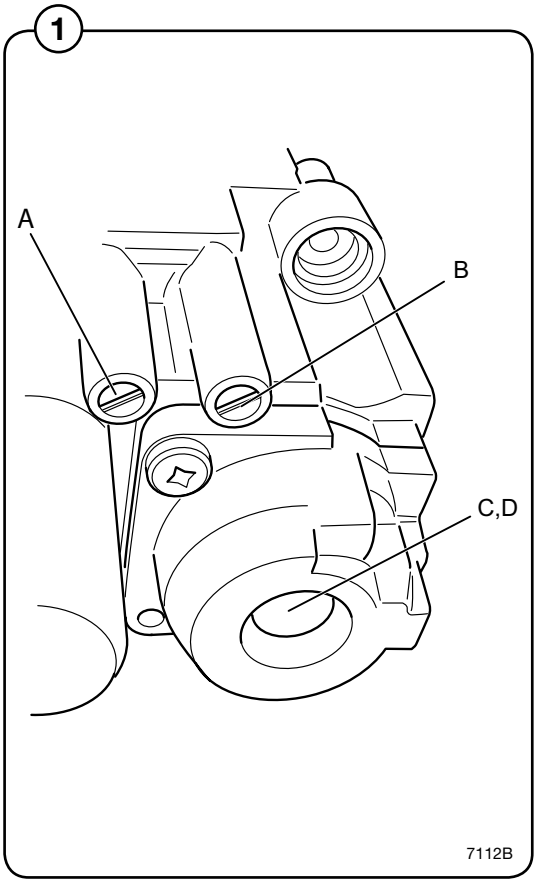
### Gas valve

**A** Measuring branch, supply pressure

**B** Measuring branch, nozzle pressure

**C** Cover screw

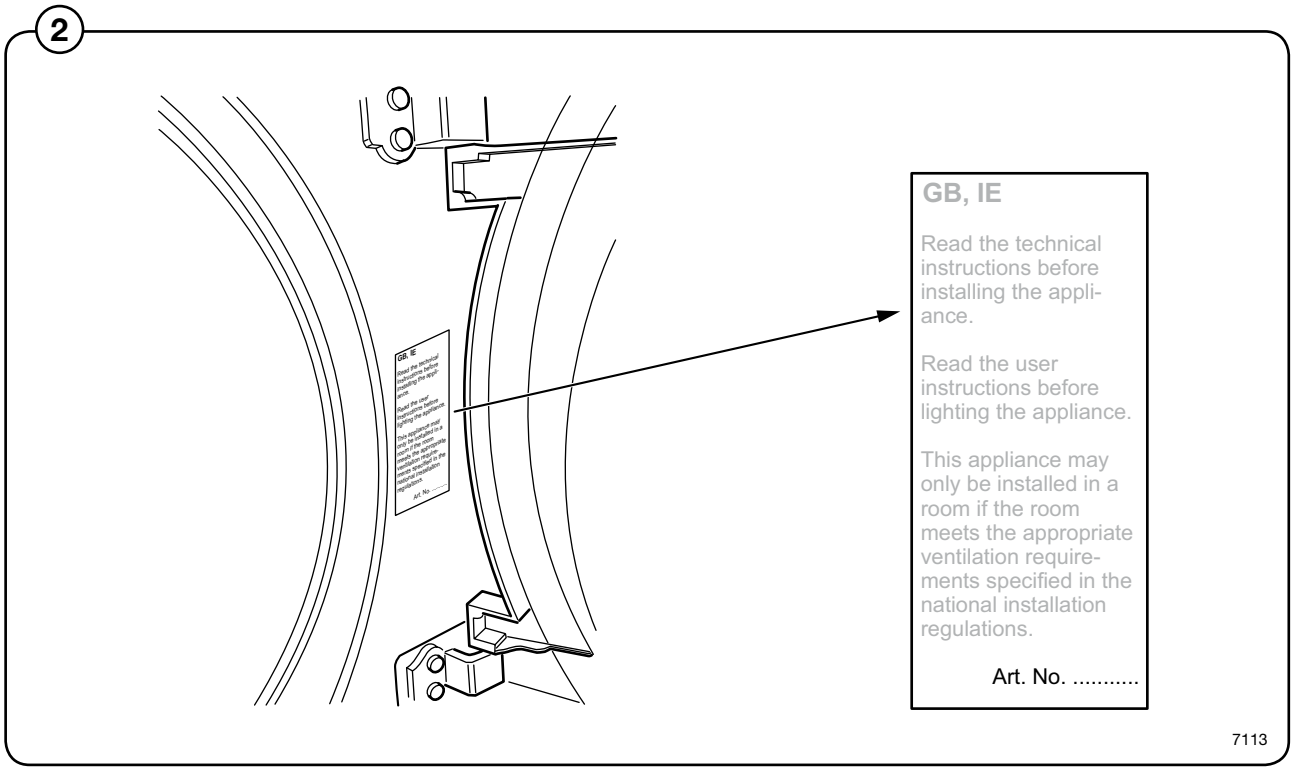
**D** Adjusting screw



## Fasten the label

(2) Before installing the machine fasten the label “Read the user instructions” on the inside of the door in a suitable place and at the front panel.

The label must have the correct country code, choose the correct label from the gas kit.


2
GB, IE
Read the technical instructions before installing the appliance.
Read the user instructions before lighting the appliance.
This appliance may only be installed in a room if the room meets the appropriate ventilation requirements specified in the national installation regulations.
Art. No. .....
7113

## Table of pressure and adjustment WD4130

This gas appliance has been build to run on natural gas group I2H and I2E, commonly identified by GNH. (Japan: LPG).

The data label shows the nozzle size and the nozzle pressure and the countries that use this gas quality: AT,BG,CZ,DK,EE,FI,GR,HR,HU,IS,IE,IT, LV, LT,NO,PT,RO,SK,SI,ES,SE,CH,TR,GB,and non-European countries.

Before connecting the appliance please make sure that the supplied gas type is correct.

Following gas conversions are possible:

- Appliances to be installed to run on GNH or GNL in FR, BE: I2E+
- Appliances to be installed in NL, parts of DE: I2L, I2LL.
- Appliances to be installed to run on LPG in: BE,CH,CY,CZ,ES,FR,GB,GR,IE,IT, LT,LU,LV,PT,SK,SI : I3+
- Appliances to be installed to run on LPG in: BE,CY,DK,EE,FR,GB,HU,IT, LT,NL,NO,SE,SI,SK,RO, HR,TR,BG,IS,LU,MT and Non-European countries: I3B/P (30 mbar) inlet pressure.
- Appliances to be installed to run on LPG in: PL: I3B/P (50 mbar) inlet pressure.
- Appliances to be installed to run on LPG in: AT,CH,DE,SK: I3B/P (37 mbar) inlet pressure.
- Appliances to be installed to run on LPG in: FI,NL,RO and Non-Europe an countries: I3P (30 mbar) inlet pressure.
- Appliances to be installed to run on LPG in: BE,CH,CZ,IE,IT,ES,FR,GR,GB,HR, LT,NL,: I3P (37 mbar) inlet pressure.
- Appliances to be installed to run on LPG in: AT,CH,DE,NL,LU,SK: I3P (50 mbar) inlet pressure.

### WD4130 10 kW

| Gas group | Nozzle size ø mm (1) | Air reducing plate | Inlet pressure (mbar) | Nozzle pressure (mbar) | Label no. |
|---|---|---|---|---|---|
| I2H, I2E | 3.00 | NO | 20-25 | 8 | DEFAULT |
| I2E+ | 2.30 | NO | 20/25 | 20/25 | 490375601 |
| I2L, 12LL | 3.00 | NO | 20-25 | 12 | 490375602 |
| I3+ | 1.60 | 2 x F | 28-30/37 | 28-30/37 | 490375603 |
| I3B/P | 1.60 | 2 x F | 30, 37, 50 | 28 | 490375604 |
| I3P | 1.70 | E | 30, 37, 50 | 28 | 490375605 |
| LPG Japan | 1.60 | 2 x F | 28 | 28 | DEFAULT |

### Conversion instructions WD4130

- Cut the power to the machine.

(3) • Dismount the rear cover (A).

(4) • Remove nozzle (B).

- Mount the enclosed nozzle (1).

(8) • Replace/mount air reducing plate according to table on previous page. All air reducing plate types are shown.

(5) • Loosen the measuring branch screw (C) 1/4 turn, connect a manometer to the measuring branch.

- Connect the power and select a programme with heating.
- Start the machine.

(5) • See nozzle pressure in table on previous page - set the nozzle pressure on setting screw (D) under cover screw (E).

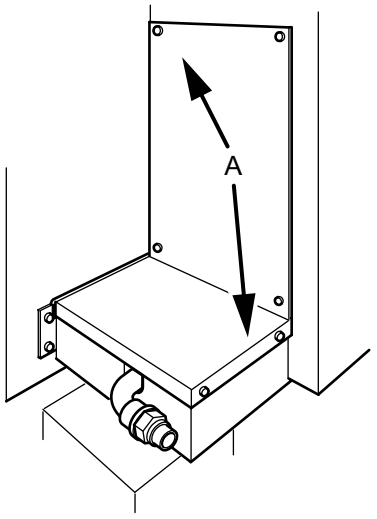
- Check that the gas flame burns evenly and has a bluish colour.

(5) • Mount the cover screw (E).

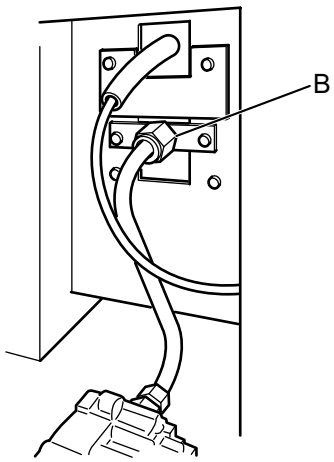
- Remount the rear cover.

**NOTE!**
**After the conversion has been carried out, the enclosed sign with the new gas type printed on it must be affixed to the machine data plate.**

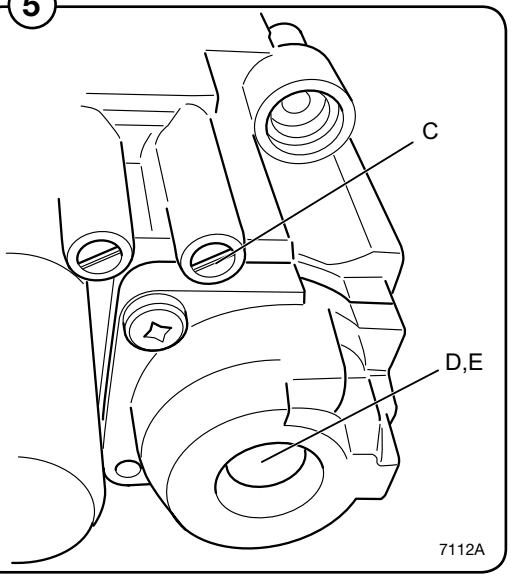
3




4




5



## Table of pressure and adjustment WD4240

This gas appliance has been build to run on natural gas group I2H and I2E, commonly identified by GNH. (Japan: LPG).

The data label shows the nozzle size and the nozzle pressure and the countries that use this gas quality: AT,BG,CZ,DK,EE,FI,GR,HR,HU,IS,IE,IT, LV, LT,NO,PT,RO,SK,SI,ES,SE,CH,TR,GB,and non-European countries.

Before connecting the appliance please make sure that the supplied gas type is correct.

Following gas conversions are possible:

- Appliances to be installed to run on GNH or GNL in FR, BE: I2E+
- Appliances to be installed in NL, parts of DE: I2L, I2LL.
- Appliances to be installed to run on LPG in: BE,CH,CY,CZ,ES,FR,GB,GR,IE,IT, LT,LU,LV,PT,SK,SI : I3+
- Appliances to be installed to run on LPG in: BE,CY,DK,EE,FR,GB,HU,IT, LT,NL,NO,SE,SI,SK,RO, HR,TR,BG,IS,LU,MT and Non-European countries: I3B/P (30 mbar) inlet pressure.
- Appliances to be installed to run on LPG in: PL: I3B/P (50 mbar) inlet pressure.
- Appliances to be installed to run on LPG in: AT,CH,DE,SK: I3B/P (37 mbar) inlet pressure.
- Appliances to be installed to run on LPG in: FI,NL,RO and Non-European countries: I3P (30 mbar) inlet pressure.
- Appliances to be installed to run on LPG in: BE,CH,CZ,IE,IT,ES,FR,GR,GB,HR, LT,NL,: I3P (37 mbar) inlet pressure.
- Appliances to be installed to run on LPG in: AT,CH,DE,NL,LU,SK: I3P (50 mbar) inlet pressure.

### WD4240 19 kW

| Gas group | Nozzle size ø mm (1) | Air reducing plate | Inlet pressure (mbar) | Nozzle pressure (mbar) | Label no. |
|---|---|---|---|---|---|
| I2H, I2E | 3.60 | A+D | 20-25 | 10 | DEFAULT |
| I2E+ | 3.10 | B+C | 20/25 | 20/25 | 490375611 |
| I2L, 12LL | 3.60 | A+D | 20-25 | 15 | 490375612 |
| I3+ | 2.20 | D | 28-30/37 | 28-30/37 | 490375613 |
| I3B/P | 2.20 | D | 30, 37, 50 | 28 | 490375614 |
| I3P | 2.30 | D | 30, 37, 50 | 28 | 490375615 |
| LPG Japan | 2.20 | D | 28 | 28 | DEFAULT |

### Conversion instructions WD4240

- Cut the power to the machine.

(3) • Dismount the rear cover (A).

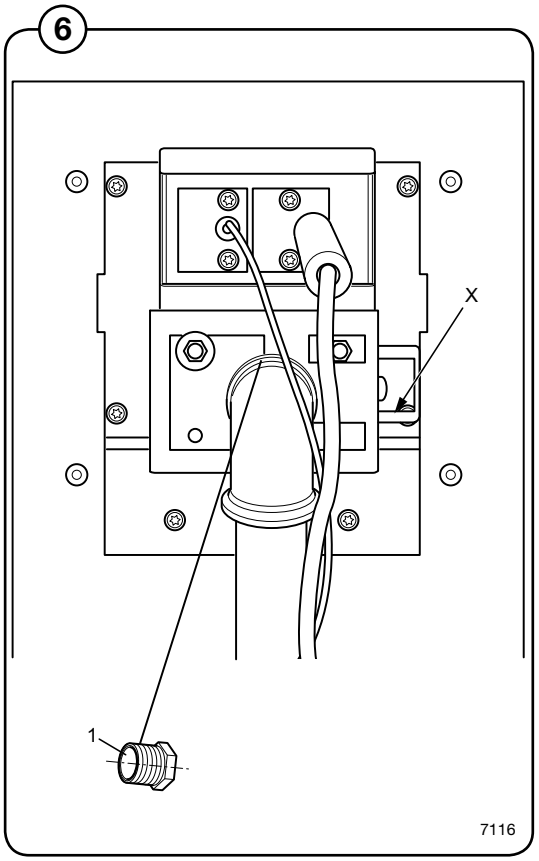
(6) • Remove the screw on the side of the locking plate **x**.

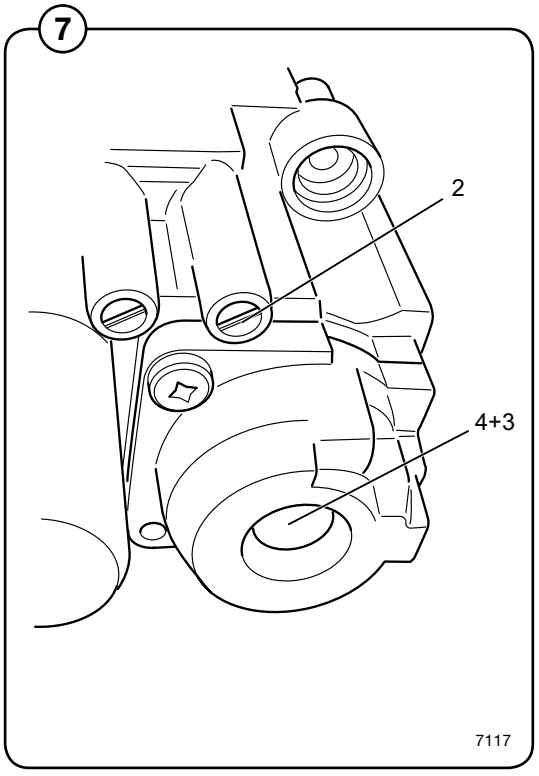
(6) • Pull out the locking plate **x**, this releases the gas pipe.

- Remove the nozzle (1).

(7) • Turn the pipe a little and mount the supplied gas nozzle.

- Push pipe with new nozzle back into its place.
- Push locking plate all the way in and tighten the screw.



(8) • Replace/mount air reducing plate according to table on previous page. All air reducing plate types are shown.

(7) • Loosen the measuring branch screw (2) 1/4 turn; connect a manometer to the measuring branch (2).

• Connect the power and select a programme with heating.

• Start the machine.

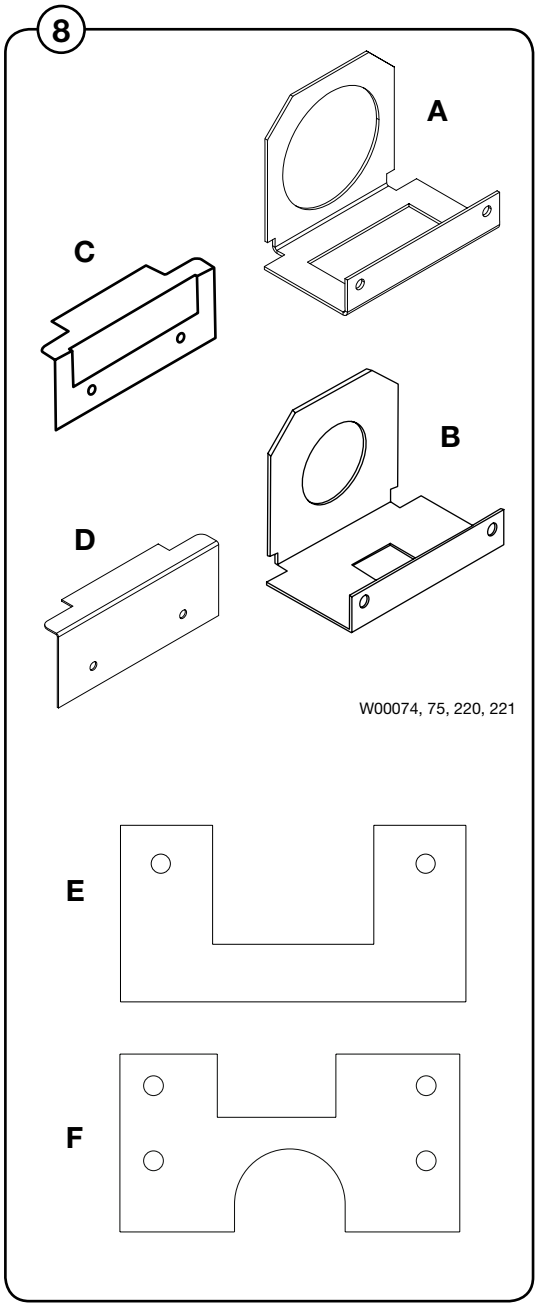
(7) • See nozzle pressure in table on previous page - set the nozzle pressure on setting screw (4) under cover screw (3).

• Check that the gas flame burns evenly and has a bluish colour.

(7) • Mount the cover screw (3).

• Mount the rear cover.

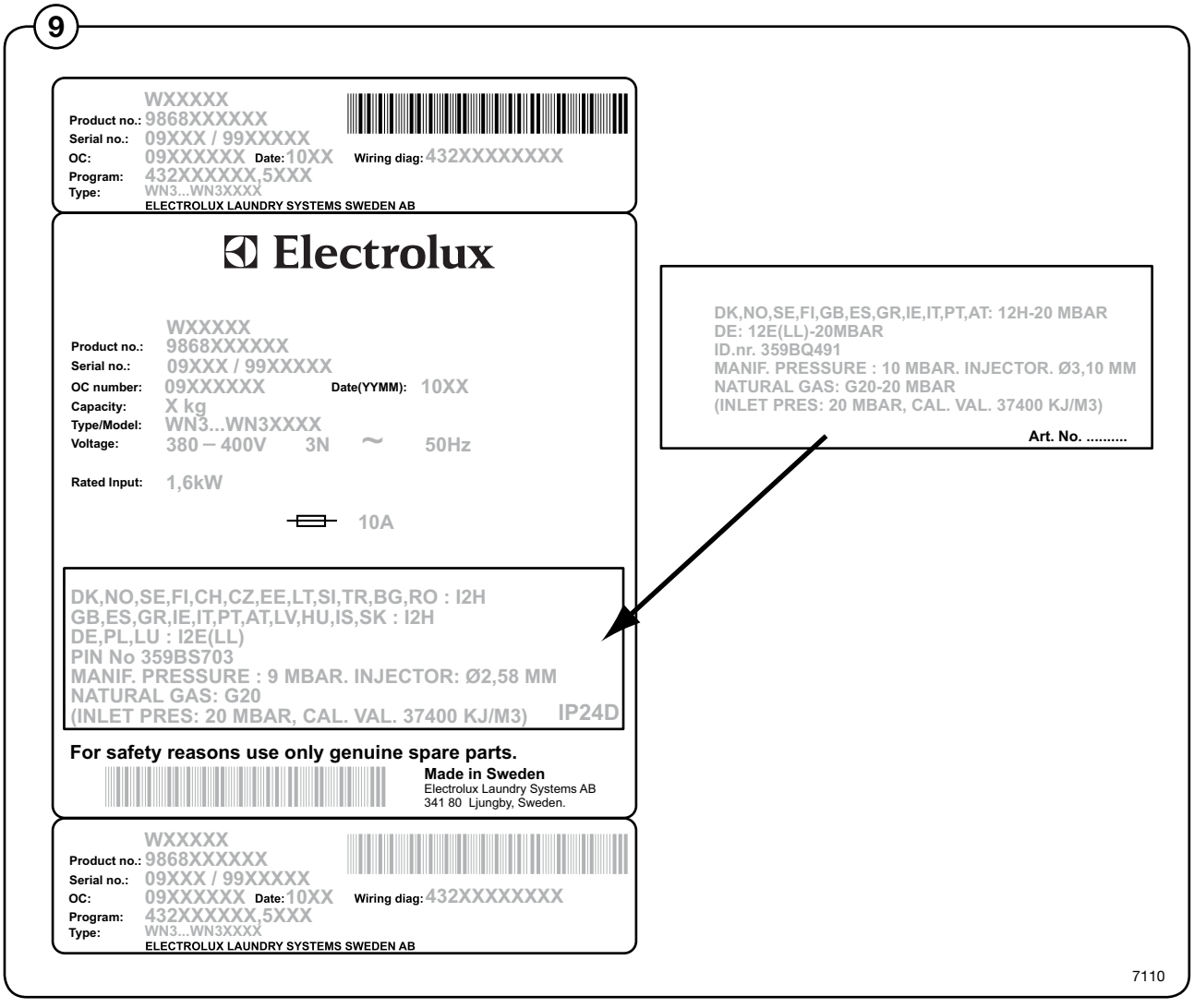
**NOTE!**
**After the conversion has been carried out, the enclosed sign with the new gas type printed on it must be affixed to the dryer data plate.**



## Data label

(9) When the machine is to be converted to another gas type, the data label at the rear of the machine must be updated in order for the data to be correct.

Place the data label enclosed in the conversion kit on top of the data label as shown below. If there are more than one data label, select the label with the correct country code and gas type.



## Function checks

Perform the following checks once the machine is installed:

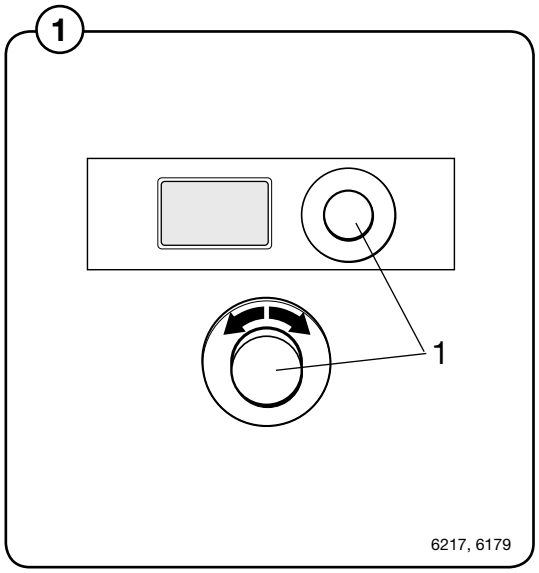
- Open the manual water valves.
- Open gas valve (if gas heated).
- Turn on the power to the machine.
- Put detergent into compartment 2 (Main wash).

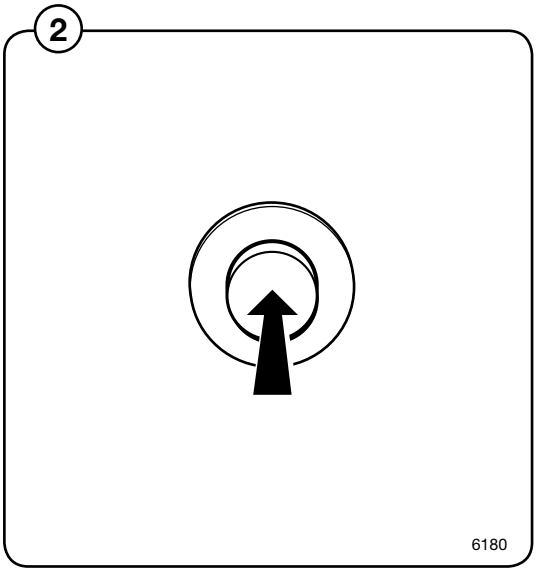
(1) • Select a high temp. program with the control knob (1).

(2) • Press the knob.

Check:

- that the drum rotates normally and that there are no unusual noises.
- that there are no leaks in water supply/drain connections.
- that water passes through the detergent compartment and fabric conditioner compartment.
- that the door cannot be opened during a program.
- that the drying cycle is working.



Thinking of you

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